

VP/4-64

Da

10-27-58

WORKING PLAN

Mont Alto State Forest, ^{Franklin} Adams-County, Pa.

By Jesse D. Diller

Objective:

To select and test blight-resistance chestnuts. To determine which of the numerous Asiatic accessions obtained through direct importations, or from nurserymen, are most likely substituted for our native, blight-susceptible chestnut.

History:

4 plots, 150 trees each
This two-acre chestnut plantation was established spring of 1938 on the east slopes of Green Mountain on the eastern border of the Mont Alto State Forest, about 4 miles from Fairfield, Pa. i.e.- a cooperative planting by the U. S. Forest Service, and the Pennsylvania Dept. of Forests and Waters. The latter cleared the site of pole-sized hardwoods and fenced the area against deer and livestock. The former furnished the planting stock, supervised the planting, and released the trees from sprout hardwoods during the first 10 years, and assumed full responsibility in tree measurements and note taking on blight resistance, etc.

Present Status:

On Sept. 12, 1952 a show-me-trip was conducted to this then 14-year old planting. Approximately 50 people were in attendance, representing federal and state foresters, extension service foresters, dendrologists, game technicians, and forest pathologist.

Publication

Diller, Jesse D. (1954) "A Potential Timber-Type Chinese chestnut". For. Res. Notes No. 37: 1-4. Northeastern Forest Exp. Sta.

Recommendations:

It is recommended that this 2-acre Asiatic chestnut plantation (which also includes several other exotic species) be continued as a permanent plot for obtaining (a) data on rate of growth of the exotics, (b) information on the nut quality and quantity of the several chestnut accessions represented and (c) for demonstrational purposes to the public since this planting is readily accessible to both Washington D. C. and Harrisburg, Pa.

Height and diameter measurements should be continued at approximately 5-year intervals, preferably by the U. S. Forest Service, since this planting is located less than 80 miles from the VPIHC Headquarters.

It would be highly desirable if it can be arranged, if a thorough cleaning would be performed in this planting within the next 12 months by the Pa. Dept. of Forests and Waters. Care must be exercised, however, because there are several American chestnut grafts (of scions from some very promising native chestnut trees that appear to have developed a natural resistance to blight) grafted on to volunteer native chestnut sprouts as root stock. These occur mainly between rows within the fenced plot, and could easily be mistaken for the ordinary volunteer growth of chestnuts on the area.

SUMMARY OF RESULTS

Mont Alto State Forest

Chestnut accession identification		Number trees planted	Average height in 1938	Average status in 1945			Average status in 1950		
Symbol	Species			Healthy	D.b.h.	Ht.	Healthy	D.b.h.	Ht.
		Number	feet	Percent	Inches	Feet	Percent	Inches	Feet
*564	Chinese	15	4.8	40	1.9	20.2	67	3.4	27.1
MBG	do	14	1.6	57	1.2	14.4	71	3.0	24.2
617	Jap.	16	4.4	19	1.6	15.5	38	3.8	24.8
531	Chinese	16	3.3	25	1.3	15.2	50	2.8	25.8
710	do	15	1.7	53	1.0	12.4	44	2.8	23.7
45	Jap.	16	3.4	38	1.8	17.6	63	3.1	23.3
MAU	Chinese	16	3.3	30	1.2	17.5	62	2.2	23.5
MAT	do	14	3.9	21	1.4	15.5	63	2.5	23.4
616	do	16	3.9	44	1.3	14.8	50	2.4	23.2
MBC	do	16	3.3	62	1.2	14.2	50	2.4	22.4
MBH	do	15	1.7	33	1.3	12.8	44	2.4	23.0
MBE	do	14	1.8	43	0.8	12.9	29	2.1	24.0
GN	Jap.	26	3.6	12	1.3	13.5	15	3.0	24.2
530	Chinese	16	3.4	6	1.2	15.0	36	2.6	23.0
GS	Jap.	15	3.8	0	-	-	21	2.8	23.6
GP	do	32	3.3	0	-	-	23	3.0	23.6
GAB	Jap.	16	3.8	19	1.5	14.7	13	3.2	21.5
GW	do	31	2.7	6	0.9	10.0	15	3.4	20.5
HP	Henryii	16	2.9	25	1.4	15.3	31	2.4	22.4
GO	Jap.	16	2.4	0	-	-	12	2.6	19.0
GM	do	13	2.6	0	-	-	18	2.7	21.0

*564 = P. I. 58602, imported as seed from Nanking, China by U. S. D. A. in 1924.

State Forest Academy, ^{Mount Alto} Mount Alto,
Franklin Co., Pa.

1.

1/2 bu. mollissima nuts (unknown origin) planted
1913; 100 seedlings planted out in woodland 1914
Only 4 are now alive, 1922. See letter Perry 1-5-23

Seed memo, sent '44

Mount Alto, PA. (Trees planted at
Mount Alto, Pa.)
Write to: J. C. Middour, Assistant
Division of Forest Management,
~~E. D. Zeigler~~
Dept. of Forests + Waters,
Harrisburg, Pa.

Castanea mollissima

✓ 36666

3 pls. 3/29/15

9/12/44 - Nuts forwarded to Gainesville, Fla.,
then returned "Unclaimed - unknown"
Zeigler's address not known - keep card in "live file".
12/18/45 J. C. Middour, Assistant, Division of Forest Management,
Dept. Forests + Waters, Harrisburg, writes that the trees planted at
Mount Alto are growing, some bearing; about 10% of trees attacked by
blight, but all are alive. The trees planted in Bedford County
were examined in 1938; they were frozen back severely and doubts if
any are alive.

41359

pumila x *crenata*

12

2 pls. 2-13-19 Penn. State Forest Academy, Mont Alto, Pa

41462 2-13-19 1 pl. *pumila* x *crenata* ✓

Not able to locate. Jackson & Gill, July 1927.

45947

mollissima

1

1 pl. 1-14-20 Mont Alto Nursery, Penn. Dept. of
Forestry, Mont Alto, Pa.

Located above first tier of beds about middle of
nursery. Ht. 9 ft. Habit scrubby - forking at 1 ft.
Young leaves bearing aphids and marginal drying.
No sign of C.B. — Jackson & Gill July 1927.
10/21/30 Only 2 brass row trees which boys took. Trees very
thrifty and vigorous. Returned envelopes addressed to Dr. E. C. Zigler
Mont Alto State Forest Nursery 40 J. O. Bradley.

Mt. Alto PENN. J. V. Hoffman, Dept of Forests & Waters

100
50 SPI 61835 *C. mollissima* 10/26/26

Includes 50 of same number shipped to J. F. Keller, Harrisburg, Pa.

Planted about 6x6 on old abandoned nursery plot 300 ft. N.E. of main dormitory.

Elevation 1050. Site: too clayey for #1

Exposure W.

All plants living but crowns thin & leaves eaten somewhat by insects.

Planted spring 1927 in excellent weather. Mattock. 2 men 2 1/2 hrs.

Total cost 2.00. Weeds abundant

8/25/34 Insp. G. M. Schum, Jackson & Gill July 1927

Dauphin Co.

S.P.I.No.	Scientific Name	Common Name
61835	<i>Castanea mollissima</i>	Chestnut

A prompt reply to the following questions regarding the tree above named will be thankfully received:

Number of trees alive... *96%* ... Height of trees... *3 1/2 ft.*

Have trees fruited? *No* ... Size and quality of nuts...

Approximate location of trees on your place. *At rear of Dormitory (about 100 yds. to South-east) at Pa. State Forest School*

Kindly use enclosed envelope.

Knowles Ryerson,
Horticulturist in Charge.

Date... 5-16-28

John Keller
.....
Experimenter

Sign here... *Geo. S. Perry* ...
Instructor in Silviculture,
P.S.F.S. - Harrisburg, Pa.
Mont Alto, Pa. Address

In spring of 1927 we received two shipments of very good stocks totaling 100 trees. Prior to that we had received about 6 trees of the Hairy Chinese Chestnut. All grew for awhile, but half of the earlier planting finally succumbed to Bark disease. Trees planted last spring were badly grazed off by deer, but are nearly all still alive.

Mt. Alto Nursery
Penn. Dept. of Forestry
Mt. Alto, Penna.

Geo. S. Perry

McKean Co. X
 41462 Castanea pumila x crenata Chestnut
 S.P.I.No. Scientific Name Common Name

A prompt reply to the following questions regarding the tree above named will be thankfully received:

Number of trees alive 42... Height of trees... 13"-15".....

Have trees fruited? No... Size and quality of nuts..... ✓.....

Approximate location of trees on your place. East of Dormitory....

Kindly use inclosed envelope.

Knowles Ryerson,
Horticulturist in Charge.

Date.. 5/11/28.

Sign here... T. E. Shaw.....

..... Pa. State Forest Acad.
Experimentor

..... Alto
Mt. Alto, Pa.
Address

Trees have been attacked by
Bark Disease repeatedly, but
have sprouted up again and
show considerable resistance
to this plague. Geo. S. Perry

E. A. Zeigler,
Mont Alto,
Penna.

SHIP See later instructions
FROM: As below

DIVISION OF
PLANT EXPLORATION AND INTRODUCTION
BUREAU OF PLANT INDUSTRY
U. S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

ORDER DATE: March 15, 1937

FOR: E. A. ZIEGLER
DEPT. FORESTS & WATERS
HARRISBURG, PENNA.

EXPRESS ADDRESS:

Shipped 4/12/37

FOR MONT ALTO STATE FOREST NURSERY

Rose Garden

✓2	FP-385	Castanea mollissima	from seed grown at Bell
✓2	C-1	"	" " " " " "
✓2	FP-462	"	" Tientsin, China
✓2	WAG	"	" Peiping, China
2	MAD	"	" " "
2	MAG	"	" Chekiang, "
2	MAM	"	" Peiping, "
2	MAS	"	" " "
✓2	MZ 70314	"	" " "
✓2	FPI-7034(F2)	"	" Chekiang, "
✓2	O-16	"	" hybrids from Bell
✓2	O-44	"	" " "
2	S-8	Crenata x pumila	hybrids from Bell
✓2	FP-431	mollissima x crenata	hybrids from Bell
✓2	FP-388	Castanea crenata,	cultivated type, from Bell

MONTALTO, PA. Seed mimeo. sent '44 Seed mimeo. sent '44

DEPT. OF FOREST AND WATERS
J. E. Aughanbaugh

4/11/36 3000 FP-385 *Castanea mollissima*

8/31/36. Trees coming along nicely. Most of them have sent up sprouts from base, after main stem had succumbed to drought. Planting as a whole looks promising.

3/-/47 - 56 #58602 *C. mol.* (R8T16, Sav.)
10 " FP-1170C " (3-2, Glenn Dale)

Montalto, Pa. Seed mimeo. sent '44

State Forest

Wm C. Sechrist, Dist. Forester

3/22/39 - ✓ 10	<i>Quercus dentata</i>
✓ 9	" <i>acutissima</i>
✓ 10	" <i>chenii</i>
✓ 10	" <i>fabari</i>
✓ 9	" <i>sevrata</i>
✓ 9	" <i>variabilis</i>

	3	38	39	40	41	42	43	44
PA A1	FR710B 29	34	39	4.5ft	0.3-5.5ft	-	0.3-6.5ft	0.3-7.5ft *
2	RO 10	12	13	16"	1.5ft	-	2.5ft	3ft
3	gnvB 31	34	39	m ₃ 2.3ft	w ₂ 1.5ft	-	0.3-2.5ft	3.5ft
4	RO 14	? 10	w, 12	12"	1.5ft	-	2.5ft	2.5ft
5	MBHB 27	? 23	th ₂ 22	w ₃ 3ft	w ₂ 3.5ft	-	4.5ft	1ft
6	RO 20	21	36	3ft	0.2-7ft	-	0.2-8.5ft	0.5-10ft *
7	GPB 46	? 41	w, 47	w ₂ 4ft	0.5-5ft	-	0.3-7.5ft	th ₂ 0.5-8ft
8	RO 20	20	w, 21	34	3ft	-	0.3-6ft	0.4-7.5ft
9	MBHB 24	? 21	w, 26	th ₂ 30ft	2ft	-	m ₃ 2ft	1.5ft
10	BL 8	30	54	w ₃ 6.5ft	0.6-8ft	-	0.5-11ft	0.9-11ft *
11	MBEB 24	X?	0	DS 961 18	DS 998 15	-	7ft	2.5ft
12	BL 8	21	25	3.5ft	m, 4ft	-	? 5ft	5.5ft
13	GNB 49	49	56	6ft	0.4-7.5ft	-	0.8-9.5ft	0.8-9ft *
14	BL 10	24	40	w ₃ 4ft	m, 4ft	-	0.3-7ft	w ₃ 0.4-7.5ft
15	MBEB 23	27	36	52	0.3-5.5ft	-	0.4-9.5ft	0.5-10.5ft *
16	BL 8	16	33	4ft	m, 4ft	-	5.5ft	w ₂ 4.5ft
17	FR710B 33	X?	0	DS 957(T) 0	DS 1016A 0	DS 1082 0	4ft	4ft 8"
18	WA 8	8	w, 12"	22ft	3ft	-	4.5ft	5.5ft
19	GM B 44	46	49	8ft	0.2-5.5ft	-	X CB	DS 1150A
20	WA 9	9	9	10ft	1.0ft	-	1ft	1.5ft
21	CWB 21	? 21	36ft	4ft	0.2-5ft	-	w, 4.5ft	th ₂ m ₃ 2.3ft
22	WA 10	? 9	13	18"	1.5ft	-	? 1.5ft	? 1.5ft
23	CPB 45	X?	0	DS 958 16"	20"	-	2ft	2.5ft (gn)
24	WA 7	15	24	25	20"	-	? 2ft	? 1.5ft
25	MBHB 26	30	41	w, 38	4ft	-	th ₂ 5ft	th ₂ 4.5ft
26	BL 10	30	47	w ₃ 6ft	0.4-8.5ft	-	0.8-11.5ft	0.8-11.5ft *
27	gn B 40	? 44	49	w, 4.5ft	0.2-5ft	-	th ₂ 0.2-7ft	m, 3.5ft
28	BL 8	24	47	5ft	0.2-6ft	-	0.5-8ft	0.7-8.5ft *
29	GNB 14	15	26	X 0	4ft	-	5ft	0.2-6ft *
30	BL 10	26	43	w ₃ 5.5ft	0.2-8ft	-	RB, 0.5-9ft	0.7-8.5ft *
31	gn B 26	X	0	DS 959A T 0	DS 1027 10"	-	m, 1ft	1ft (gn)
32	BL 23	28	28	52	5ft	-	w ₃ 6ft	0.2-6ft
33	FR710B 30	32	44	5ft	0.3-6ft	-	0.4-7.5ft	0.5-7.5ft *
34	R.O. 9	12	17	27	3ft	-	5.5ft	0.3-7ft *
35	mbgB 22	23	30	4ft	5.5ft	-	0.4-9ft	0.5-10ft *
36	RO 18	19	27	3.5ft	4.5ft	-	0.3-7.5ft	0.4-8ft *
37	gn B 35	X	0	DS 959B 5"	3"	-	m, 3"	0.6"
38	RO 14	15	w, 19	w, 28	3.5ft	-	0.3-6ft	0.4-8ft *
39	mbL B 16	19	28	5ft	0.2-6ft	-	0.4-10.5ft	0.5-12ft *
40	RO 14	16	20	39	4.5ft	-	0.5-7.5ft	? 0.8-7ft

Replanted 4-5-44
10-16
(2-0) for SC9
murray, B.R.C.
4-3-45

RAA1	FD710	0.4 7 1/2 *	0.5-10 1/2 *	0.5-8	0.7-10	0.8-10 cloud	0.8-10	0.8-10
2	RO	W, 3ft	3.5ft	W, 4 1/2	5L			
3	gnw	4 1/2	? 3 1/2	4 1/2	sup 2 3ft	Rep bubble 5-	1ft	1/2 ft op
4	RO	3ft	3ft	3 1/2	4			
5	MBH	CH, 2ft	? 2 1/2	W, 3	ap 1 1/2	ap 2 1/2	ap 2ft	2ft
6	RO	0.7-10*	0.8-10 1/2 *	0.9-11 1/2 *	1.1-13 1/2 *	1.3-13 1/2	Rep 1502 150	3, 6"
7	GP	0.5-9*	0.6-10*	0.8-10 1/2 *	1.1-12 1/2 *	CH, 1.4-13 1/2		
8	RO	0.5-8*	0.6-9*	0.6-10*	0.9-10 1/2	0.9-12 1/2	X	
9	MBH	ap 1ft	2 1/2 ft	1ft		Rep 1.4 15L	1ft	1ft
10	BL	1.0-12*	1.1-12 1/2 *	1.2-13*	1.4, 1.5-14			
11	DS961 (40)	2 1/2 (cloud)	{ w, 1ft gnw 3ft	{ 1ft 0.5	{ 0.5-9L 2 1/2 ft	0.9-10	1.0-12	1.5-14 sup
12	BL	5 1/2	0.5-7ft	0.5-7	1.4-14 3ft			
13	GN	0.9-12*	0.9-12 1/2 *	W, CH, 0.9-12	CH, 1.4-22 1/2	Rep 1502 150	1ft	1ft
14	BL	0.6-7 1/2	0.6-8	0.8-8 1/2	1.1-14 1/2	1.3-14 1/2	1.3-15*	
15	MBG	0.6-12*	0.7-12*	0.7-12 cloud	0.9-12	1.0-12 1/2	1.3-15*	
16	BL	4 1/2	4 1/2	0.2-4L	0.5ft			
17	DS987T (40)	8"	8"	1ft	ap 1ft	ap 1ft	1ft	
18	O-16 loop (45) WAA	5 1/2	0.4-6 1/2	0.4-7 1/2				
19	GM	2 1/2 ft	3 1/2	M, W, 2ft	M, 2 1/2	2.3 ap 1	ap 1ft	3ft 3ft
20	WA	2ft	1 1/2	1 1/2	ap 2ft			
21	CW	4 1/2	5ft	W, 4 1/2				
22	WA	0	X					
23	FR958	2 1/2	3ft	4	Replanted 10/23/50	FP 1.61-P	5ft	
24	WA	1 1/2	1 1/2	2ft	Replanted 10/23/50	CH, 2 1/2	2 1/2 ft	2 1/2 ft
25	MBH	0.2-5 1/2	0.2-5 1/2	0.2-7 1/2		ap 5 1/2	0.2-6 1/2	0.5-10ft
26	BL	1.0-12 1/2	1.1-14*	1.4-15 1/2 *	2.0-19*	2.3-21*	2.7-23*	3.0-23*
27	gnw	4 1/2	M, 3 1/2	4 1/2		M, 2.7	Rep 1502 150	1ft
28	BL	0.9-10	0.9-11*	0.9-12 1/2 *		1.8-13 1/2	2.4-19*	
29	CW	0.3-7	0.3-7 1/2 light	0.4-7 1/2 cloud		0.3-7 1/2	Rep bubble 5L	3"
30	BL	0.8-10*	0.8-10*	0.9-10 1/2 *		1.3-13 1/2 *	1.3-16*	
31	1027	ap 1ft	ap 1L	1 1/2	ap 2 1/2	ap 3 1/2	4ft	5ft
32	BL	0.7-7	0.7-7 1/2	0.4-7 1/2		0.4-8		0.6-9
33	FD710	0.6-7 1/2	CH, 4 1/2	4 3 1/2		ap 2 1/2	4 3ft	4ft
34	RO	0.5-7 1/2 *	0.5-8*	0.6-8 1/2		1.2-13*		1.6-16*
35	mbg	0.8-12*	0.8-7ft	M, 0.8-6 1/2		CH, 2 1/2	ap 2L	ap 4ft
36	RO	0.7-9 1/2 *	0.7-8 1/2 *	0.8-9		1.1-11 1/2		1.6-15
37	FR959B	4 1/2	4 5"	4 6"	ap 18"	4 1ft	ap 2ft	3ft
38	RO	0.7-10*	0.9-12 1/2 *	0.8-13*	1.1-13*	1.4-14*		1.8-17*
39	mbg	0.6-12 1/2 *	0.7-13*	0.8-12 1/2 *	1.0-13*	1.3-14 1/2 *	1.4-18*	1.6-18*
40	RO	0.5-7 1/2 *	0.7-7 1/2 *	0.9-8*		X 2	Rep 1502 150	1ft

			38	39	40	41	42	43	X Mont Alto Forest Pa		
RA A	41	mbh B 24	29	56	6ft	0.5-7ft	-	0.8-12ft	1.0-14.5ft	Plot A replanted 4-5-45 0-16 large X measure of replanted 0-16 replanted 0-16 4-5-45 medium	
	42	WA 8	12	41	6ft	0.5-6ft	-	0.8-8.5ft			
	43	gn B 39	? 31	0	DS 963T 0	DS 1030 0	DS 1186 0				
	44	WA 8	12	18	19	? 1ft	-	2ft	2.5ft		
	45	gn B 19	21	34	52 yr	0.2-5ft	-	0.9, 0.4-8.5ft	0.7-10ft		
	46	WA 6	9	28	4ft	4.5ft	-	5ft	5ft		
	47	gn B 29	X?	0	DS 954 0	0	DS 1024 0			Replanted 4-5-45 0-16 small	
	48	WA 9	12	24	34	3.5ft	-	4.5ft	5ft		
	49	H 710 B 19	34	X?	DS 958T 0	DS 1016 C 11	-	4.5ft	2ft (12, 20)		
	50	WA 9	14	25	3ft	3.5ft	-	3ft	4ft		
	51	FP531W 48	49	55	0.3-4.6ft	0.4-7ft	-	0.3-4.5ft	0.2-7ft		
	52	BL 13	22	60	1.4, 7.5ft	0.6-9ft	-	0.9-12ft	1.1-12ft		
	53	FP530W 59	? 58 yr	? 39 19	? 3 28	? 3 1.5ft	0			Replanted 4-5-45 0-16 medium	
	54	BL 13	18	43	1.4, 3.5ft	X?	Nyct. 2ft	2.5ft	3ft		
	55	GS W 72	72 large	0.3 2.5ft	? 2 9.5ft	0.5-7ft	-	2.8ft	3ft	Replanted 4-5-45 0-16 large	
	56	BL 12	21	35	? 2 40	X 2ft?	0				
	57	GP W 62	0.62	0.60	0.8-9ft	1ft	0.9-10.5	0.9, 1.4-17.5	1.6-16.5ft	3ft	
	58	BL 10	14	20	X		DS 1014 0	DS 1076	3ft	4.5ft	
	59	MAUV 68	70	76	C, 7ft	0.7-8.5ft	-	1.1-15.5ft	1.2-17.5ft		
	60	BL 10	12	48	5.0ft	0.7-7ft	-	0.8-9.5ft	? 2 2.5ft	Replanted 4-5-45 0-16 small	
	61	GO W 68	CA 11	0	DS 964 9"	5"	0				
	62	WA 8	13	23	4ft	5ft	-	0.7-8.5ft	0.8-10.5ft		
	63	GNW 80	86	102	1.1-11.5ft	1.3-13ft	-	0.9, 1.8-20ft	0.8-21ft		
	64	WA 8	44	41	4.5ft	4ft	-	5ft	5.5ft		
	65	MATW 57	57	59 0.19	1.2, 2.5ft	0.4-6ft	-	0.5-10ft	0.8-11.5ft		
	66	WA 9	14	23	3ft	3.5ft	-	4ft	4.5ft		
	67	FP531W 45	? 45	0.60	6.5ft	0.6-9ft	-	0.9-11ft	1.0-12.5ft		
	68	RO 16	? 16	23ft	29	3ft	-	5.5ft	0.4-7.5ft		
	69	FP530W 53	55	64ft	C, 7ft	0.7-9ft	-	0.9-14ft	1.0-12ft		
	70	RO 11	14	22	23	2.5ft	-	0.2-6ft	? 5.5ft		
	71	GS W 55	57	60	5.5ft	0.5-6.5ft	-	0.3 2 5.5ft	0.2-6ft		
	72	RO 13	14	? 14	? 17	1.0ft	-	1.5ft	2.5ft		
	73	GPW 51	54	65	0.3 2 5ft	0.3-5.5ft	-	0.2-6ft	X?	Replanted 4-5-45 0-16 small	
	74	RO 7	7	0	(DS 923T 0)	1ft	-	2.5ft	2.5ft yellow		
	75	MAUV 54	w. 51	51	5.5ft	0.2-3.5ft	-	0.3, M2 6ft	0.2-7ft	Clashed	
	76	WA 9	11	15	18 yr	1.5ft	-	2ft	2 1.5ft		
	77	gn W 50	? 26	X?	DS 960 0	DS 1026 0	-	0	DS 1142 0	Replanted 4-5-45 medium 0-16	
	78	WA 7	9	9	17 yr	1.5ft	-	1.5ft	2ft		
	79	gn W 41	? 3 99	0.10	X		DS 10160 0	DS 1067 0	0	DS 1149 0	Replanted 4-5-45 0-16 large
	80	WA 12	12	19	27	3ft	-	3.5ft	4.5ft		

1A 41	mbl	1.2-16 ^{1/2} *	1.3-17 ^{1/2} *	1.3-18*	1.7-21*	2.0-22*	2.2-25	2.3-26*	2.4-27
42	0-16 L	7ft	2 ^{1/2} ⊕	3⊕	Sup. 5 ^{1/2} ⊕	0.2-7⊕	0.4-7ft	0.4-7'	0.5-8 gyp
43	0-16 M	0	0		0	X	Rep. 5-3' 5 ^{1/2}	2ft	
44	WA	2 ^{1/2}	2 ^{1/2}	2 ^{1/2}		2 ^{1/2}			X
45	grw	Ch. 2 ^{1/2}	X CB			X			1/2 ft
46	WA	X?	3. 3 ^{1/2}			M. Y.			
47	0-16 S	4 1/2	1 ^{1/2} ft		2 ^{1/2} *	2.3 3/4	2ft	X	
48	WA	5ft	5ft			5ft			
49	FP1016C	0	Amvd. 7 ^{1/2} ft			Op 1ft	3 ^{1/2} ft	X	
50	WA	4 ^{1/2}	4 ^{1/2}	4 ^{1/2}		5 ^{1/2}			
51	FP531	0.4-7 ^{1/2} *	0.5-8*	W. 0.5-8		0.9-12 ^{1/2} ⊕	1.0-14*	1.1-14*	
52	BL	1.2-13*	1.2-15*	1.4-15*		1.9-21*		M. 10ft	
53	0-16 M	2ft	2 ^{1/2} ⊕		6ft⊕	0.5-7*	0.7-9	W. 4-1/2 ft	Ch. 2 ^{1/2} 5ft
54	High	3 ^{1/2}	3 ^{1/2} 6"		0	Rep 6"	Rep. 4-5L	2ft	2 ^{1/2} x 2 ^{1/2} ft
55	High	3 ^{1/2}	3 ^{1/2} 6"		0	FP 14x36	2ft	2ft	2 ^{1/2} 3ft
56	0-16 L	2 ^{1/2}	3 ^{1/2} ⊕		6ft⊕	0.5-7⊕	0.9-9 ^{1/2} *	0.9-10*	1.2-11 (gyp)
57	GR	2.0-17 ^{1/2} *	2.1-18*	2.2-20* 30bu	Ch. 2.7-24*	Ch. 3.3-8 ^{1/2} *	Rep. 1502 '52	1ft	1ft
58	FP1076	5ft	0.2-5⊕	0.3-7⊕	0.5-8*	Ch. 0.9-10⊕	1.1-10 ^{1/2} *	1.4-13*	M. 1.6-8 7/5
59	MAU	1.4-20*	1.6-21*	1.6-22*	2.0-21*	2.2-24*	2.7-27*	2.8-30*	
60	WA	3ft	3 ^{1/2} ⊕	4 ^{1/2}		Rep. 0.2-7 ^{1/2}			
61	0-16 S	1 ^{1/2} ft	2ft⊕	2 ^{1/2} ⊕	4 ^{1/2} ⊕	Ch. 2 ^{1/2}	3 ^{1/2}	4ft	6ft (duplex)
62	WA	0.9-12 ^{1/2} *	1.0-12 ^{1/2} *	1.1-13*	1.3-15 ^{1/2} *	1.7-16 ^{1/2} *	1.9-18*	2.1-20 ^{1/2}	3ft*
63	GN	Ch. 2 5 ^{1/2}	Ch. 7ft	0.8-10 ^{1/2}		Rep. W.P. X	Rep. 1502 '52	1ft	3ft*
64	WA	0.2-6*	0.3-7 ^{1/2} *	0.4-7 ^{1/2} ⊕		Rep. W.P. 0.6-10 ^{1/2}	0.9-12*		
65	MAT	1.1-13*	1.1-13*	1.0-14 ^{1/2} *		Ch. W. 1.1-11	Ch. W. 1.3-11	1.6-13*	1.6-18*
66	WA	5*	5⊕	X?		FP 13x61	5ft		7ft 6ft
67	FP531	1.1-13*	1.2-14 ^{1/2} *	Ch. 1.1-14*		Ch. 1.2-13 ^{1/2} ⊕	Ch. 1.6-17 ^{1/2} ⊕	Ch. 1.8-16	1.7-12 ^{1/2} ⊕
68	RO	0.4-7 ^{1/2} *	0.5-8*	0.6-8⊕		0.9-1 ^{1/2} ⊕			6ft
69	FP530	Ch. 1.2-13*	Ch. 1.2-13*	1.2-14*		Ch. 1.7-18 ^{1/2} ⊕	Ch. 2.0-18 ^{1/2} ⊕	Ch. 2.0-18 ^{1/2} ⊕	
70	RO	0.2-6*	0.5-7*	0.5-7 ^{1/2} ⊕		Ch. 0.16-17 ^{1/2} ⊕	0.9-12*	2.0-21 ^{1/2} ⊕	
71	GS	0.4-7*	0.5-7 ^{1/2} *	0.7-8⊕		1.3-13 ^{1/2} ⊕	Rep. 1502 '52	4ft	1ft
72	RO	2 ^{1/2}	4⊕	4⊕		0.3-7⊕			
73	0-16 S	1ft	2 ^{1/2} ⊕	3 ^{1/2} ⊕		0.2-6⊕	0.5-7 ^{1/2} ⊕	2ft	5ft (lit. sup)
74	RO	2 ^{1/2}	2 ^{1/2}	2 ^{1/2}		0.2-5 ^{1/2}			
75	MAU	0.2-6 ^{1/2}	M. 4 3*	5 ^{1/2}		14 ^{1/2} 0.4-8.0	0.9-10 ^{1/2}	0.9-11*	
76	WA	2ft	2ft	2 ^{1/2}		Rep. W.P. 10ft			
77	0-16 M	2ft	2 ^{1/2} ⊕	4ft⊕		Rep. W.P. 0.3-7 ^{1/2} ⊕	0.6-7 ^{1/2}	0.8-9*	10x-11 11x-11
78	WA	2 ^{1/2}	2 ^{1/2} ⊕	3ft		Rep. W.P. 0.4-8		0.9-10*	
79	0-16 L	2 ^{1/2}	3 ^{1/2} ⊕	0.2-5⊕		0.4-7 ^{1/2} ⊕	0.8-10 ^{1/2}	0.9-10 ^{1/2} *	15-13x12-13
80	WA	5ft*	5⊕	5 ^{1/2} ⊕		0.9-12 ^{1/2} ⊕		1.1-14*	

Replanted 10/23/50

Replanted 10/23/50

PA A		38	39	40	41	42	43	44	Plot A
81	H530W42	42	47	57M ₃ 31	4ft	—	0.3-7ft	0.5-8ft *	Crowned 4-5-45 0-16 Small
82	WA 9	12	14	18	2ft	—	1.5ft	2ft	
83	H531W37	38	44	5ft	0.3-6ft	—	0.6-8ft	0.7-9ft	
84	BL 12	18	29	? 31	X	DS1071 0	0	DS115DB 4	
85	Mat W 64	? 54	43 37	? 33ft	2 3ft	—	5ft	0.2-6ft *	
86	BL 14	14	43	L ₂ 30	M ₂ 3ft	—	0	DS115DB 0	Replanted 4-5-45 0-16 Large
87	gn W 30	X?	0	DS 962 0	DS 1016 B 8"	—	0	DS 1151 0	Replanted 4-5-45 0-16 Medium
88	BL 13	17	48	L ₂ 6.5ft	0.5-6ft	—	L ₂ 0.9-11.5ft	L ₂ 1.1-11.5ft	
89	gn W 43	43	43	43 30"	0.2-6ft	—	0.2-5ft	M ₂ 5.5ft	
90	BL 11	18	39	L ₂ 5ft	4.5ft	—	0.2-8ft	0.5-10ft *	
91	Man W 49	? 38	48	C ₁ 6ft	0.6-7ft	—	0.8-12.5ft	0.9-13ft *	
92	RO ?	7	12	30	4.5ft	—	0.4-8.5ft	0.6-10.5ft *	
93	gn W 38	42	41 51	C ₁ 6ft	0.5-7.5ft	—	0.9-10ft	1.0-12ft 5ft *	
94	RO 8	? 46	? 3 18	4 21	3ft	—	4.5ft	? 4.5ft	
95	gn W 47	? 46	52	5ft	0.2-6ft	—	X CB	0	Replanted 4-5-45 0-16 Small
96	RO 7	7	4 17	? 3 8"	M ₃ 2 1ft	—	3.5ft	4 5ft	
97	H530W36	? 35	W ₁ 5ft	C ₁ 6ft	0.5-7ft	—	0.9-10ft	3 5ft	
98	RO 13	18	29	4ft	4.5ft	—	0.5-8ft	0.7-10.5ft *	
99	H531W37	W ₃ 12	4 37	6ft	0.4-6.5ft	—	4 6ft	4 3ft	
100	RO 9	11	12	35"	3.5ft	—	0.2-6.5ft	0.2-7.5ft *	
101	F156Y572	80	99	C ₁ 0.9-9ft	1.1-10ft	—	1.3-16ft	1.5-19.5ft *	Replanted 4-5-45 0-16 Large
102	WA 9	9	0	DS 960T-0	DS 1016D 0	DS 1069 0	—	—	
103	F1Y5S54	66	96 (bun)	C ₁ 1.1-9.5 3ft	W ₃ 9 3ft	—	4 7ft	0.7-8ft *	
104	WA 8	11	21	? 32	3ft	—	4ft	4.5ft	
105	GWS63	69	93	C ₁ 0.7-10ft	1.0-11ft	—	1.6-16 18ft	2.0-17.5 20ft	
106	WA 7	11	0	DS 967 0	0	DS 1079 0	—	—	Replanted 4-5-45 0-16 Medium
107	HF S 33	? 29	44	C ₁ 3.8ft 4ft	4ft	—	M ₃ 30.4-9ft	0.5-11ft *	
108	WA 8	11	28	3ft	3ft	—	3ft	4.5ft	
109	CABS 60	69	76	C ₁ 6.5ft	0.7-7ft	—	1.1-10.5ft	1.1-12.5ft 26ft	
110	RO 8	9	11	M ₂ 16	M ₂ 1ft	—	M ₁ 1ft	R ₂ 2 6"	
111	MBC 551	66	72	C ₁ 7ft 9 5ft	0.7-8ft	—	1.1-11ft	1.3-13.5ft 5ft *	
112	RO 7	8	M ₃ 3 17	18	? 3 1.5ft	—	3.5ft	4ft	
113	FP617S63	71	77	0.7-8.5ft	0.9-9.5ft	—	1.3-13ft	1.5-15ft *	
114	RO 11	14	19	28	3ft	—	5ft	5ft *	
115	FP616S77	76	97	C ₁ 0.8-10ft	1.0-10ft	—	1.4-16.5	1.6-17.5ft *	
116	RO 25	31	2 11"	2 8"	1ft	—	4ft	5ft *	
117	FP56Y587	? 84	X?	DS 954 17"	11"	—	2ft	? 1.5ft	
118	BL 13	25	36	4.5ft	5ft	—	0.8-10ft	1.0-11.5ft *	
119	F1Y5S55	51	62	C ₁ 0.7-8ft	0.7-9ft	—	1.2-14.5ft	1.5-15.5ft *	
120	BL 10	15	22	M ₂ 18	X	DS 1075	1.5ft	R ₂ 9ft 8ft	

PA A		26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
121	EW S	50	25	32	M. 34	0.2-2ft	0.3-4ft	0.4-5ft	Plot A																																																																																																																																																																																																																																																																											
122	BL	11	25	41	4.5ft	5.5ft	0.3-7.5ft	0.4-7.5ft*																																																																																																																																																																																																																																																																												
123	HF S	56	64	82	C. 0.7-8ft	0.7-10.5ft	1.0-15ft	1.2-17ft*																																																																																																																																																																																																																																																																												
124	BL	7	29	46	L ₂ , 4ft	? 3ft	L ₂ 2.5ft	? 1ft																																																																																																																																																																																																																																																																												
125	CABS S	41	? 30	? 38	4ft	4.5ft	0.2-6.5ft	0.2-7.5ft*																																																																																																																																																																																																																																																																												
126	RO	9	9	11	14	2ft	2ft	? 2ft																																																																																																																																																																																																																																																																												
127	hfs S	22	W. 23	47f	64ft	0.5-7ft	0.5-11ft	0.7-12.5ft*																																																																																																																																																																																																																																																																												
128	RO	9	9	15	23	2ft	4.5ft	4.5ft																																																																																																																																																																																																																																																																												
129	gw S	36	39	59 (June)	6ft 9ft	0.4-7ft 8ft	C ₂ 0.6-8ft 6ft	6-5ft																																																																																																																																																																																																																																																																												
130	RO	6	7	11	1x	1.5ft	2.5ft	3.5ft*																																																																																																																																																																																																																																																																												
131	H45 S	30	35	62	C. M ₂ 25.5	0.4-7ft	C ₂ 0.5-9.5ft	0.8-10ft embd*																																																																																																																																																																																																																																																																												
132	RO	17	17	24	3ft	4ft	? 4.5ft	5.5ft*																																																																																																																																																																																																																																																																												
133	H56 YS	35	35	51	6ft	0.5-7ft	C ₂ 0.9-12ft	C ₂ 1.0-13ft*																																																																																																																																																																																																																																																																												
134	WA	27	36	0	M. 34	3.5ft	0.3-7.5ft	0.5-8.5ft*																																																																																																																																																																																																																																																																												
135	H616 S	27	W. 34	42f	4.5ft	0.4-6ft	1.1-12.5ft	1.3-14.5ft*																																																																																																																																																																																																																																																																												
136	WA	8	11	17	29	3.5ft	5ft	0.4-7ft*																																																																																																																																																																																																																																																																												
137	H617 S	51	? 54 yellow	60	C. 7.5ft	C ₂ 0.8-9ft	C ₂ 1.2-14 10ft	1.4-15.5ft*																																																																																																																																																																																																																																																																												
138	WA	6	7	15	31	3ft	5ft	5.5ft*																																																																																																																																																																																																																																																																												
139	MBC S	32	39	62	C. 6.5ft	0.6-8ft	1.1-12.5 10ft	1.3-14.5 3ft*																																																																																																																																																																																																																																																																												
140	WA	7	14	28	4ft	4ft	5.5ft	0.4-7.5ft*																																																																																																																																																																																																																																																																												
141	gab S	55	? 52	66	C. 0.8-10/19ft	0.9-11.5 10ft	C ₂ 1.5-11ft 80ft	1.8-18ft 25ft*																																																																																																																																																																																																																																																																												
142	BL	8	12	23	? 28	X	DS 1078A 0	Replanted 4-5-45 0-16 Large																																																																																																																																																																																																																																																																												
143	hfs S	40	40	55	C. 5ft	C ₂ 5.5ft	C ₂ 0.5-8ft	0.8-10ft*																																																																																																																																																																																																																																																																												
144	BL	17	25	71	L ₂ 7.5ft	0.8-9ft	L ₂ 1.2-14ft	L ₂ 1.4-15ft*																																																																																																																																																																																																																																																																												
145	gw S	43	? 37	C ₂ 19	4ft	5ft	C ₂ 0.5-7ft	2ft																																																																																																																																																																																																																																																																												
146	BL	9	20	61	L ₂ 5.5ft	0.3-6ft	C ₂ 1.1-11.5ft	1.1-13ft*																																																																																																																																																																																																																																																																												
147	H45 S	40	41	63	C. 0.7-9ft	0.9-10.5ft	1.5-16.5 20ft	1.8-17.5ft*																																																																																																																																																																																																																																																																												
148	BL	10	10	24	? 19	X	DS 1073 0	Replanted 4-5-45 0-16 Medium																																																																																																																																																																																																																																																																												
149	H56 YS	42	? 35	C ₂ 50	7.6ft	C ₂ 4ft	C ₂ 3.3ft	2.5ft																																																																																																																																																																																																																																																																												
150	BL	10	10	42	L ₂ 3.5ft	M ₂ 2ft	0	Replanted 4-5-45 0-16 Small																																																																																																																																																																																																																																																																												
PA B	1	MBC B	15	23	41	6ft	0.2-6.5	0.5-10ft	0.7-11ft*																																																																																																																																																																																																																																																																											
2	MBC B	23	? 25	61	6.5ft	0.5-7ft	1.1-12ft 16ft	1.3-14ft*																																																																																																																																																																																																																																																																												
3	gw B	38	? 34	? 28	C. M ₂ 9.4ft	4.2-9.3ft	C ₂ 5ft	2ft																																																																																																																																																																																																																																																																												
4	GN B	51	X?	0	DS 959B T0	DS 10280	DS 10740	Replanted 4-5-45 0-16 Medium																																																																																																																																																																																																																																																																												
5	MBC B	16	35	4.5ft	0.2-5.5ft	0.2-8.5ft	0.9-12.5ft	1.0-13.5ft*																																																																																																																																																																																																																																																																												
6	MBC B	27	31	60	6ft	0.6-7.5ft	1.4-14.5ft 2ft	1.1-16.5ft*																																																																																																																																																																																																																																																																												
7	H710 B	18	20	40	5ft	0.2-5.5ft	0.7-9ft	0.9-9.5ft*																																																																																																																																																																																																																																																																												
8	MBC B	27	34	70	0.7-7ft	0.7-8ft	1.1-14.5ft	1.6-15.5ft*																																																																																																																																																																																																																																																																												
9	MBC B	21	27	48	C. 5.5	0.5-6.5ft	0.9-11ft	C ₂ 1.1-13ft*																																																																																																																																																																																																																																																																												
10	GN B	43	? 33	47	C. M ₂ 34ft	5ft	0.8-9.5ft	0.9-10.5ft*																																																																																																																																																																																																																																																																												

	YT	Y0	Y1	7-7-47	7-10-50	7-11-51	6-19-50	4-9-50
PA A121 GW	M, 3 1/2	TH, 5ft	M, 5ft		40.6-12!*	45.5-15.5	1ft	X
122 BH	0.8-7 1/2*	0.8-8*	0.9-10*		1.4-15*		1.5-18 1/2	
123 HF	1.4-18*	1.5-18 1/2*	1.5-18 1/2*		2.4-22*	2.8-24*	3.2-25*	3.8-25*
124 BK	0	0	Replanted 10/2/50		2.0-14*	1ft	2ft	3ft
125 GAB	0.3-7 1/2	0.5-8*	0.4-9*		0.4-7*	0.8-9ft		1/2 ft ap.
126 RO	2 1/2	3 1/2	3 1/2		0.13-13*	1ft		1 1/2*
127 hf	0.9-13 1/2*	1.0-13 1/2*	0.8-7ft		0.9-12 1/2		11-15*	
128 RO	5ft	0.2-5 1/2*	0.4-6		0.8-12		1ft	2ft
129 gw	0.7-7ft	0.3 1/2	0.1-5		0.4-7*			
130 RO	1 1/2	2 1/2	2 1/2		1.9-17*	2.2-18	1ft	ap, (Mall the 9. 10ft)
131 H45	0.9-12 1/2*	1.1-13*	1.3-13 1/2*		1.5-15*	1.6-16*	2.0-20*	2.0-15*
132 RO	0.2-7 1/2*	0.5-8*	0.6-9*		1.9-17*	2.2-21*	2.7-24*	2.7-24*
133 H564	1.3-15*	1.4-16 1/2*	1.4-16 1/2*		1.5-15*	1.6-16*	2.0-20*	2.0-15*
134 WAB. Oak	0.8-10*	0.9-10 1/2*	1.2-12 1/2*		2.9-21*	3.3-24*	3.9-29*	4.7-29*
135 H616	1.7-18*	1.9-18 1/2*	2.1-20*		3.1-9	3.3-12	3.6	1ft
136 WA	0.7-8*	0.9-8*	1.1-9*		2.2-21*	2.7-23*	2.8-25*	3.5-28*
137 H617	2.0-17*	2.2-19*	2.5-20*		3.3-22*	3.7-24*	5.0-26*	5.6-10*
138 WA	0.2-5 1/2*	0.2-5 1/2*	0.4-5 1/2*		0.2-7 1/2*	0.2-8*	0.4-6	0.5-6
139 mbe	1.6-15*	1.6-18*	1.8-18 1/2*		1.6-16*	2.0-18*	2.8-25*	2.8-25*
140 WA	0.5-8*	0.6-8*	0.7-8 1/2*		2.6-24*	2.8-25*	M2 1.4-13	1ft
141 gab	2.2-19*	2.3-20*	2.5-20*		2.8-26*	3.0-27*	3.0-27*	
142 O-16K	2 1/2 ft	3 1/2	4ft		0.2-7 1/2*	0.2-8*	0.4-6	0.5-6
143 hf	0.9-10*	1.0-12 1/2*	1.3-12 1/2*		1.6-16*	2.0-18*	2.8-25*	2.8-25*
144 BK	1.6-16*	1.7-17 1/2*	1.9-19*		2.6-24*	2.8-25*	M2 1.4-13	1ft
145 gw	2 1/2 ft	2 1/2	2 1/2		2.8-26*	3.0-27*	3.0-27*	
146 BK	1.5-15*	1.7-18*	2.0-18*		0.2-7*	0.2-8*	0.4-6	0.5-6
147 H45	2.3-20 1/2*	2.3-20*	2.3-20*		0.2-7*	0.2-8*	0.4-6	0.5-6
148 O-16M	2 1/2 ft	2 1/2	2 1/2		0.2-7*	0.2-8*	0.4-6	0.5-6
149 H564	2 1/2 ft	2 1/2	2 1/2		0.2-7*	0.2-8*	0.4-6	0.5-6
150 O-16S	2ft	2 1/2	3ft		0.2-7*	0.2-8*	0.4-6	0.5-6
AB 1 mbe	0.8-12 1/2*	0.9-13*	1.1-15*		1.6-20 1/2*	1.9-23*	2.0-24*	2.0-25*
2 M3G	1.4-16*	1.5-18*	1.8-19*		2.3-23*	2.8-26*	3.3-26*	2.2-25*
3 gw	2 1/2	2 1/2	2 1/2		0.5-7 1/2*	0.8-9*	0.9-12*	1.0-11 1/2
4 O-16M	2 1/2*	3ft	4*		2.1-22*	2.7-25*	3.2-25*	3.5-29*
5 m3g	1.3-14*	1.3-16 1/2*	1.6-18*		3.0-23*	3.3-28*	4.0-28*	4.2-30*
6 MBE	1.5-19*	1.6-20*	2.0-21*		2.3-21*	2.5-24*	2.8-26*	3.0-28*
7 H710	0.4-7 1/2*	1.2-13 1/2*	1.5-16*		3.3-24*	3.4-26*	4.0-26*	4.2-27*
8 M3H	1.8-18*	1.9-18 1/2*	2.1-21*		2.0-19*	2.5-25*	2.4-25*	2.6-26*
9 m3h	1.2-13 1/2*	1.4-15 1/2*	1.5-16 1/2*		1.2-17*	1.2-17*	1.2-17*	1.2-17*
10 EN	1.1-13 1/2	1.2-14 1/2*	1.3-16*					

PA	B	11	mbe B 14	20	27	24	21	2	7	Plot B	
		12	MAB B 23	? 23	22	3ft	4.5ft	-	0.5-8.5ft	0.7-11ft*	
		13	gw B 40	? 3 2/20	56	6ft	0.7-7ft	-	1.2-11ft	1.2-12.5ft*	
		14	MAB B 27	3ft	49	? 3 3/4 ft	5ft	-	0.8-11ft 13m	0.9-12.5ft*	
		15	mbe B 16	16	19	C. 5.5ft	0.4-6ft	-	0.7-12.5ft	0.9-13.5ft*	
		16	GP B 48	X	0	22	X (Madamias)	DS1077 0	0	DS1154B 0	Replanted 4-5-45 0-16 Large
		17	gp B 41	? 33	39	DS N25T 0	DS 1016C 0	FP1500 0			Replanted 4-5-45 0-16 Medium
		18	MAB B 23	26	39	M3 2/4 ft	5ft	-	0.6, 0.3-7ft	0.5-8.5ft*	
		19	mbe B 18	? 11	39	C. 5ft	0.4-6ft	-	0.8-11ft 16m	0.9-14.5ft*	
		20	MAB B 17	2 1/2 2/16	? 2 2/25	4ft	5ft	-	0.2-6.5ft	0.4-8.5ft	
		21	mbe B 22	25	C. 29	DS 966T 0	DS 1028 8"	-	2ft	? 1.5ft (20ft)	
		22	GP B 39	X	0	C. 3ft	3ft	-	3.5ft	4. 3.5ft	
		23	gw B 47	49	60	DS 962T 0	DS 998 0	DS 1073 0	0	DS 1154A 0	Replanted 4-5-45 0-16 Small
		24	GW B 47	53	59	C. 6x 16m	0.5-6ft	-	0.5-8.5ft 5m	0.5-10ft*	
		25	mbe B 11	? 3 2/7	24	v.e. 6.5ft	0.5-7.5ft	-	0.8, 0.8m, 10ft	0.9-9.5ft	
		26	MAB B 23	26	36	3.5ft	4.5ft	-	0.2-7.5ft	0.4-7.5ft*	
		27	mbe B 19	33	58	4ft	5ft	-	6.5ft	0.3-6ft * long tree	
		28	GN B 43	? 36	61	C. 6.5ft	0.5-7ft	-	0.8-12ft	0.9-12.5ft*	
		29	710 B 19	29	47	C. 6ft	0.5-7.5ft	-	0.8 2/6ft	4 2/2 3ft	
		30	FP710 B 20	w. 25	50	C. 4.5ft	5ft	-	0.5-9ft	0.5-10ft*	
		31	gw B 26	32	0	C. 6y	0.4-6ft	-	0.8, 0.7-9.5ft	0.9-10.5ft*	
		32	MAB B 24	w. 27	59	DS 104230 0	DS 1031 18"	-	2.5ft	2.5ft	
		33	gw B 15	15	26	C. 5.5ft	0.6-6.5ft	-	1.1-12.5ft	1.2-14.5ft*	
		34	GN B 51	58	72	4ft	0.6-2.5ft	-	0.6 2/2 ft	0.1.5ft	
		35	710 B 24	27	58	4 1.0-7.5, 30	0.9-2ft	-	1.4-13ft 35ft	0.8, 1.6-17ft*	
		36	GW B 18	26	49	C. 6.5ft	0.5-8ft	-	1.2-13ft	1.3-15ft*	
		37	gw B 31	? 2 2/10	? 2 2/23	C. M3 2/4 ft	0.2-2ft	-	0.8 2/2.5ft	DS 1153B 4"	
		38	GM B 24	? 20	65	4ft	4.5ft	-	0.8 2/2.5ft	DS N25 0	Replanted 4-5-45 0-16 Small
		39	gw B 15	15	24	0.8 2/4.5ft	w. 2/2.5ft	-	0.8 2/2.5ft	0.4-7.5ft*	
		40	FP710 B 28	33	53	0.8 2/2.7	3ft	-	-	0.4-7.5ft*	
		41	gp B 45	? 40	46 2/24	C. 5.5ft	0.7-7ft	-	1.1-12ft	1.3-15ft*	
		42	MAB B 22	24	34	C. M3 2/4 ft	0.2-2.5ft	-	-	0.5-8.5ft*	
		43	gw B 36	X?	0	3ft	4.5ft	-	-	0.5-10ft*	
		44	GP B 46	X?	0	DS 959A 0	DS 998 6"	-	-	0.1.5ft	
		45	gw B 21	? 2 2/11	45	DS 971T 0	DS 1031 0	FP1500	-	3ft	
		46	GW B 15	28	59	C. 56	0.6 5ft	-	-	0.6 2/3ft	
		47	gp B 35	? 2 2/11	14 2/27	C. 5.5	5.5ft	-	-	0.8 M3 2/3.5ft	
		48	GM B 31	X?	0	3ft	4.5ft	-	-	0.6 2/1.5ft	
		49	mbe B 20	20	30	DS 104230 8"	5"	0	-	-	Replanted 4-5-45 0-16 Small
		50	FP710 B 24	? 22 ft	32ft	4.5ft	0.4-6ft	-	-	0.9-14.5ft*	
						M2 3ft	3ft	-	-	4 2.5ft	

4B 11	mbw	0.9-12L X	1.0-13*	1.1-15* 2.0-18* Cundl	1.7-18*	2.0-22*	2.1-28*	2.3-26*	M2 8.6-15.5 1H
12	MBC	1.5-14*	1.7-16*	2.0-18* Cundl	(C) 3.0-24*	0.5, 3.5-22*	0.8, 4.0-22*	4.8-22.5 16.0-11H	M2 8.6-15.5 1H
13	gm	1.2-15.5*	M3 9.3H	0.3-6.1*	M1, 1.8-2.1	M2, 1.0-1.2	M2, 2.2-12L	2.3-13	M2 8.6-15.5 1H
14	MBAH	1.0-15	1.3-17*	1.5-18*	0.5-9*	0.9-12*	M1, 5L	M2 0.9-7H	M2 8.6-15.5 1H
15	O-16 L	2.5*	3H	5H	0.5-9*	0.9-12*	M1, 5L	M2 0.9-7H	M2 8.6-15.5 1H
16	O-16 M	3.8YH	3H	5H	0.5-9*	0.9-12*	M1, 5L	M2 0.9-7H	M2 8.6-15.5 1H
17	gp	0.9-9.2*	0.9-10*	1.1-12L*	0.9-10*	1.1-12L*	1.1-12L*	1.1-12L*	M2 8.6-15.5 1H
18	MBE	1.2-16L*	1.3-18*	1.6-19*	1.3-18*	1.6-19*	2.7-26*	2.9-28*	M2 8.6-15.5 1H
19	mbw	0.5-10*	0.5-10*	0.9-12* Cundl	0.5-10*	0.9-12*	1.2-14	1.3-15*	M2 8.6-15.5 1H
20	FP1028	1E	2L	5H	0.5-10*	0.9-12*	0.9-13	0.9-13	M2 8.6-15.5 1H
21	mbw	M, 4H	tb, 4	W, 5H	0.5-10*	0.9-12*	0.5-10	0.6-10	M2 8.6-15.5 1H
22	O-16 S	1.2H	2*	3L	0.5-10*	0.9-12*	0.5-10	0.6-10	M2 8.6-15.5 1H
23	gnw	0.9-11*	0.9-11*	0.9-11-12* 5H	0.9-11*	1.1-12*	0.9-11-12	0.9-11-12	M2 8.6-15.5 1H
24	GN	0.6-10L	1.3-12*	1.5-13*	0.6-10L	1.3-12*	1.2-14	1.3-15*	M2 8.6-15.5 1H
25	mbw	0.5-8*	0.6-10*	1.0-12*	0.5-8*	0.6-10*	0.9-13	0.9-13	M2 8.6-15.5 1H
26	MBE	0.3-7, M3 3H	0.4-12*	4H	0.3-7, M3 3H	0.4-12*	M1, 0.9-1.2	M2 3.4H	M2 8.6-15.5 1H
27	mbw	1.0-13*	1.1-16*	1.4-16.2*	1.0-13*	1.1-16*	3.3-26*	3.5-27*	M2 8.6-15.5 1H
28	CM	M3 9.1H	0.6-10L	0.6-10L	M3 9.1H	0.6-10L	2.1-19	2.2-20*	M2 8.6-15.5 1H
29	H710	0.6-10L	0.9-10.5*	1.0-12L*	0.6-10L	0.9-10.5*	2.1-19	2.2-20*	M2 8.6-15.5 1H
30	H710	1.0-12L*	1.1-13*	1.3-15*	1.0-12L*	1.1-13*	2.6-23	2.8-25*	M2 8.6-15.5 1H
31	FP1031	4H*	0.2-5	0.2-5	4H*	0.2-5	0.9-1.2	0.9-1.2	M2 8.6-15.5 1H
32	MBC	1.5-16L*	1.5-17L*	2.1-19L*	1.5-16L*	1.5-17L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
33	gnw	0.2-5	0.2-5	0.2-5	0.2-5	0.2-5	4.0-26*	4.0-26*	M2 8.6-15.5 1H
34	GN	0.2-5	0.2-5	0.2-5	0.2-5	0.2-5	4.0-26*	4.0-26*	M2 8.6-15.5 1H
35	H710	2.1-17.5*	2.1-17L*	2.5-20.5* 0.6	2.1-17.5*	2.1-17L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
36	FP1153B	1.5-16L*	1.6-17L*	1.9-19*	1.5-16L*	1.6-17L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
37	O-16 S	2.4H*	2L	4.2L	2.4H*	2L	4.0-26*	4.0-26*	M2 8.6-15.5 1H
38	C-M	0.3-2	0.3-2	0.3-2	0.3-2	0.3-2	4.0-26*	4.0-26*	M2 8.6-15.5 1H
39	gnw	0.5-9.5*	0.5-9.5*	0.5-9.5*	0.5-9.5*	0.5-9.5*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
40	H710	1.5-16L*	1.5-17L*	1.9-19*	1.5-16L*	1.5-17L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
41	gpr	0.9-11*	0.9-12L*	1.2-13*	0.9-11*	0.9-12L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
42	MBC	0.9-12*	1.0-12L*	1.2-13*	0.9-12*	1.0-12L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
43	gnw	0	0	0	0	0	4.0-26*	4.0-26*	M2 8.6-15.5 1H
44	FP1500	M1, 2.4	0.9-9.5*	1.1-12L*	M1, 2.4	0.9-9.5*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
45	gnw	0.3-2	0.3-2	0.3-2	0.3-2	0.3-2	4.0-26*	4.0-26*	M2 8.6-15.5 1H
46	GN	0.3-2	0.3-2	0.3-2	0.3-2	0.3-2	4.0-26*	4.0-26*	M2 8.6-15.5 1H
47	gpr	0.3-2	0.3-2	0.3-2	0.3-2	0.3-2	4.0-26*	4.0-26*	M2 8.6-15.5 1H
48	O-16 S	1.1-17L*	1.3-17L*	1.5-19L*	1.1-17L*	1.3-17L*	4.0-26*	4.0-26*	M2 8.6-15.5 1H
49	mbw	0.4H	0.4H	0.4H	0.4H	0.4H	4.0-26*	4.0-26*	M2 8.6-15.5 1H
50	FP710	0.4H	0.4H	0.4H	0.4H	0.4H	4.0-26*	4.0-26*	M2 8.6-15.5 1H

PA	B	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90			
		go W 38	MATW 60	gn W 36	GNW 72	matw 45	CO W 67	FS31W 37	MAUW 22	manw 35	GNW 72	go W 34	GO W 65	gn W 32	MAUW 47	matw 44	EP W 64	gn W 54	CO W 71	manw 39	GS W 54	go W 60	EP W 29	gn W 40	GS W 62	manw 34	GO W 60	matw 42	FP30W 51	FS31W 33	FP31W 51	FS30W 44	MATW 59	go W 36	GNW 60	FS31W 36	GS W 64	FS30W 42	FP30W 41	go W 44	FP31W 49			
		38	63	38	72	47	68	39	29	41	69	36	62	34	54	51	68	49	49	41	7	51	29	18	59	41	54	14	54	33	56	46	63	38	63	36	X CB	43	43	43	39	39	53	
		42	63	38	72	47	66	39	29	41	69	36	62	34	54	51	68	49	49	41	7	51	29	18	59	41	54	14	54	33	56	46	63	38	63	36	X CB	43	43	43	39	39	53	
		39	69	42	84	450	66	48	47	52	72	39	24	49	72	58	53	39	39	38	38	0	42	44	38	?	54	25	31	48	84	36	46	46	50	64	64	36	0	36	36	39	22	57
		40	6.5ft	64	CH, 4.5ft	C, 5.5ft	C, CB, 5ft	C, 74	6ft	C, 5.5ft	th 2 of 45	X CB	th 2 of 25"	th, 4.5ft	C, 0.5-8ft	C, 62ft	DS 10230 0	X	DS 960 0	C, 4ft	DS 964T 0	w, 5ft	C, 5.5ft	th 3 of 35	DS 971 0	5.5ft	CH, 2 of 9 ft	X	4ft	6ft	C, 0.6-8.5ft	C, 4ft	C, M, 9.6ft	6.7ft	7ft 6cm	C, 3.5ft	DS 964 0	5ft	C, M, C, 5.5ft	th 3 of 22ft	0.5.5ft			
		41	th, 0.5-7ft	th 3 of 4.5ft	X CB	X M	X CB	0.5-7ft	0.7-7.7ft	0.5-5.7ft	X 5ft	0	w, 9.2ft	X	0.8-9ft	0.6-7ft	DS 1031 94	0	DS 1020 0	5ft	DS 1015 20"	0.3-6ft	0.7-7ft	w, 9.2.5ft	DS 1016B 0	5ft	5ft	th, 0.3-6ft	0.4-7ft	0.7-10ft	4ft	0.3-6ft	0.7-8.5ft	0.7-9ft	5ft	0	0.2-5.5ft	0.5-6ft	4ft	0.6-7ft				
		42	—	—	—	—	—	—	—	—	—	High	—	—	—	—	—	High 4ft	DS 1084 0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
		43	—	—	—	—	—	—	—	—	—	4ft	—	High 3ft	—	—	—	CB, 6.5ft	DS 1153A 6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
		X Y Mont Alto Forest, Pa	Plot B	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Small	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large	Replanted 4-5-45 0-16 Large		

ABS 1	FW	0.5-17	0.9-12	1.7-21	1.8-22	1.7-25
52	MAT	0.5-17	0.9-12	1.7-21	1.8-22	1.7-25
53	O-16L	0.9-10	0.9-12	0.9-12	1.0-12	1.0-14
54	O-16S	0.9-10	0.9-12	0.9-12	1.0-12	1.0-14
55	wat	0.9-13	0.9-13	1.7-23	2.0-23	2.0-26
56	O-16L	2.5	5	0.5-7	2.5	W3 0.5-11
57	H531	0.5-12	0.5-16	3.0-25	3.4-26	3.2-28
58	MAU	1.3-15	1.3-15	2.2-24	2.8-24	3.2-22
59	man	1.3-15	1.3-15	3.0-23	2.0-24	3.0-21
60	GN	1.2-13	1.2-13	1.0-12	1.2-12	1.1
61	Hyp	3	3	0.8-5	1.2-12	0.8-5
62	G-O	0.9-12	0.9-12	0.9-12	1.2-12	1.1
63	Hyp	0.9-12	0.9-12	0.9-12	1.2-12	1.1
64	MAU	1.5-18	1.7-18	1.3-15	1.7-17	1.8-17
65	wat	1.4-16	1.5-17	2.8-25	3.2-25	3.2-27
66	O-16L	2	2	3.0-25	3.3-25	3.2-29
67	man	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
68	man	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
69	man	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
70	man	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
71	gn	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
72	gn	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
73	gn	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
74	O-16L	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
75	man	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
76	O	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
77	O-16M	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
78	H530	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
79	H531	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
80	H531	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
81	H530	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
82	O-16M	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
83	gn	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
84	GN	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
85	O-16S	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
86	O-16M	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
87	O-16L	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
88	H530	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
89	gn	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25
90	H531	0.9-10	0.9-12	2.0-25	2.2-25	2.3-25

		38	39	40	41	42	43	44	Plot B
PA B	131	445 S 31	38	89	C, 0.5-10ft	1.0-11ft	130	C, 1.7-17.5ft	C, 1.7-16ft
	132	FP616S 7Y	? 70	X?	DS 957T 0	DS 101X 0	DS 1072 0	Hy 6 2.5ft	2ft
	133	gw S 38	43	63	C, 7ft	0.6-9.5ft	-	C, 2.8ft	0.5-9.5ft *
	134	FP617S 61	? 53	61, 59ft	C, 5ft	0.3-6.5ft	-	C, 1.0-12ft	1.1-12.5ft 4ft *
	135	456 YS 34	? 22Y	? 2 19	2 30	3ft	-	2 3.5ft	2 4.5ft
	136	GW S 43	49	68	C, 6.5ft	0.5-7.5ft	-	C, 1.2-14ft	1.4-12.5ft *
	137	445 S 18	20	40	C, 6.5ft	0.5-7ft	-	C, 2.6ft	0.4-7ft
	138	FP45S 4Y	50	78	C, 0.6-8.5ft	0.8-10.5ft	-	1.5-16.5ft	1.9-17.5ft 6ft *
	139	gw S 40	45 4 4	53	C, 6.5ft 10ft	0.2-2.5ft	-	0.2-2.5ft	0.4-8ft *
	140	FP56YS 6Y	67	72	C, 7ft	0.9-7ft	-	1.4-12ft	1.4-13ft 15ft *
	141	445 S 25	27	50	C, 5ft	0.3-6ft	-	0.6-9ft	0.9-8.5ft 4ft *
	144	FP616S 7Y	? 72	61, 59	C, 2.5ft	0.2-2.5ft	-	C, 0.2-10ft	0.8-12ft
	143	445 S 22	31	77	C, 7.5ft	0.6-8ft	-	C, 1.2-10ft	0.4-15ft *
	144	HF S 28	? 12	? 2 19	? 2 10	0	DS 1086 0	-	Replanted 4-5-45 0-16 Large
	145	gw S 37	40 4	57	5ft 9ft	0.3-2.5ft	-	C, 2.5ft	2 1.5ft
	146	GW S 43	49	76	C, 7ft 7ft	0.5-7.5ft	-	C, 2.6ft	0.4-7ft *
	147	445 S 26	30	58	C, 5.5ft	0.2-5.5ft	-	C, 0.9-9ft	0.4-10.5ft
	148	FP45S 47	57	79	C, 7.5ft	0.2-2.5ft	-	C, 2.6ft	0.5ft
	149	gab S 3Y	35	58	C, 3 2 7ft	0.2-2ft	-	C, 2 4ft	2 2ft
	150	FP56YS 83	101	108	C, 1.2-14ft 12ft	1.4-14ft	-	1.7-22ft	2.3-22.5ft *
PA C	1	L. variabilis 4	X	2. dutch ? 6	7	0	DS 1084 0	2 6"	2 6"
	2	GN B 49	? 42	61	C, 7ft	0.3-2.5ft	-	0.3-2.5ft	0.2ft
	3	3	3	5	13"	W, 4ft	-	1ft	1ft
	4	M B G B 32	43	9 8	C, 0.7-9ft	0.9-11ft	C, 1.2-13ft 6ft	0.15-15ft	0.18-15ft 5ft *
	5	L. glabra 17	X	2. acutina 17	13	W, 8ft	15"	2.5ft	2 1.5ft
	6	FM 10 B 27	32	65	C, 7ft	0.7-7ft	0.9-9ft	1.2-12.5ft	1.4-14ft *
	7	16	0	2. chin 16	17	W, 9 4"	2 2"	4 3"	0
	8	GN B 52	X	DS 958T 0	DS 1016C 0	0	FP 1511 1ft	2 1ft	2 1ft
	9	2 chin 8	11	? 10	2 14	W, 9 2"	2 3"	0	0
	10	GW B 9"	17	? 47	2 3ft	0.3-1ft	3ft	2 3.5ft	2 1.5ft
	11	L. glabra 4	6"	M, 9"	0"	W, 9 4"	M, 2 9"	2.8ft	4.2ft
	12	GP B 30	X	0	DS 923 T 0	DS 498 8"	0	-	-
	13	10"	0	2. fabers 10	9"	9"	1ft	1ft	2 1ft
	14	M B H B 24	36	57	C, 5.5ft	0.5-6ft	0.5-8ft	0.7-10ft	0.9-12.5ft *
	15	5	X	2. variabilis 21	38	3.5ft	4.5ft	0.2-6.5ft	0.4-7ft *
	16	M B E B 23	25	54	C, 5ft	0.4-6.5ft	C, 0.4-8ft	C, 0.8-10.5ft 5ft	0.9-12ft 7ft *
	17	2 acutina 8"	8	16	18	30	2ft	3.5ft	3ft *
	18	GN B 47	53	72	C, 8ft 4ft	0.7-10ft	1.2-12ft 2ft	C, 1.3-13ft 10ft	0.16-13ft 6ft *
	19	2	X	2. variabilis 24	W, 2ft	2.8ft	3ft	4ft	4ft
	20	M B G B 25	29	56	C, 6ft	0.7-7.5ft	0.9-9ft	1.1-13ft	1.4-15ft *

Plant	Code	Height	Notes	Location	Time	Other
2A B 131	8145	2.0-16	2.0-16	2.0-16	2.0-16	2.0-16
132	Hydr	2.2	2.2	2.2	2.2	2.2
133	Hydr	1.8-16	1.8-16	1.8-16	1.8-16	1.8-16
134	F 0617	1.8-16	1.8-16	1.8-16	1.8-16	1.8-16
135	H 161	1.8-16	1.8-16	1.8-16	1.8-16	1.8-16
136	C W	1.6-13	1.6-13	1.6-13	1.6-13	1.6-13
137	H 45	0.7-8	0.7-8	0.7-8	0.7-8	0.7-8
138	F 145	2.5-20	2.5-20	2.5-20	2.5-20	2.5-20
139	gwe	0.7-9	0.7-9	0.7-9	0.7-9	0.7-9
140	F 156 Y	1.8-16	1.8-16	1.8-16	1.8-16	1.8-16
141	hsp	1.0-13	1.0-13	1.0-13	1.0-13	1.0-13
142	F P 616	0.9-12	0.9-12	0.9-12	0.9-12	0.9-12
143	H 45	0.2-1.5	0.2-1.5	0.2-1.5	0.2-1.5	0.2-1.5
144	O-16 L	3 ft	3 ft	3 ft	3 ft	3 ft
145	gwe	2.2	2.2	2.2	2.2	2.2
146	C W	2.7	2.7	2.7	2.7	2.7
147	hsp	2.7	2.7	2.7	2.7	2.7
148	F 145	2.7	2.7	2.7	2.7	2.7
149	gwe	2.7	2.7	2.7	2.7	2.7
150	F 156 Y	2.7	2.7	2.7	2.7	2.7
PAC 1	A. dubauti					
2	C N					
3	?					
4	M B C					
5	R. acutang					
6	F 1710	1.5-15	1.5-15	1.5-15	1.5-15	1.5-15
7	O-16 M	2.4	2.4	2.4	2.4	2.4
8	F 1511	2.4	2.4	2.4	2.4	2.4
9	—					
10	C W					
11	R. glauca					
12	O-16 L					
13	R. falcata					
14	M B H					
15	R. serotina					
16	M B E					
17	R. acalium					
18	C N					
19	R. variabilis					
20	M B C					

21 PA C 21	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
22 FT710B26	35	52	6ft	0.5-8ft	0.8-10ft	1.4-13ft	1.3-14.5ft	*															
23 2. globosa 3	33 93	0	DS 959AT 0	DS 1035 0	DS 1082 0	0	DS 1153B 0																
24 GMB43	37	57	7.5ft	0.5-9ft	0.5-9ft	0	DS 125 0																
25		2. acutus 0	DS 957 8"	11"	8"	9.1ft	DS 1144 6"																
26 gnw B 26	210	23 of 28	4ft	5ft	5.5ft	6.5ft	0.4-7.5ft	*															
27 2. acutus 9"	11	22	26	2ft	w 2.5ft	3ft	3.5ft																
28 ft 710B 21	26	23 of 8"	23 of 5"	0	DS 1083A 0	0	DS 1154B 0																
29 2. acutus 7	23 77	23 18	3ft	w 2.5ft	4ft	4.5ft	5ft	*															
30 Mtg B 18	20	34	c. 4.5ft	5ft	0.3-7ft	0.4-8.5ft	0.6-11ft	*															
31		2. chinii 0	DS 971 0	0	DS 1078A 0	High 20ft	3ft																
32 gnw B 37	228	54	c. 5.5ft	0.6-2ft	0.4-0.9-8ft	0.4-1.2-2.5ft	0.1-5ft																
33 2. acutus 5	23 25	23 of 14	23 of 2x	w. 2ft	23 of 6"	2.1ft	2.1ft																
34 mbe B 15	15	39	c. 4ft	5.5ft	0.4-7.5ft	0.5-10ft	0.8-11.5ft	*															
35 2. oerstedii 6"	215	23 of 6"	23 of 4"	0	DS 1070 3"	0	DS 1154A 2"																
36 mblw B 17	22	46	c. 3.5ft	4.5ft	5.5ft	0.5-9ft	0.8-11.5ft	*															
37	0	2. faberi 9	12	2ft	2ft	4.5ft	3.5ft																
38 gnw B 46	X	0	DS 125 0	DS 1032 0	FP 1571 1.5ft	1ft	2ft																
39 2. oerstedii 10	11	22	34	3ft	0.4-4ft	4.5ft	5ft	*															
40 gnw B 21	218	23 X	23 of 25	w 2.12	2ft	3.5ft	0.4-2.5ft																
41	X	2. oerstedii 7"	8	w 2.6"	8"	1ft	2.6"																
42 gnw B 43	237	2129	3.5ft	3.5ft	0.4-4.5ft	0.4-3ft	2.1ft																
43	21X	2. oerstedii 13	13	0	FP 1500 1.5ft	6																	
44 ft 710 B 14	18	m 2 of 28	38	0	FP 1571 1.5ft	2.1ft	2.1ft																
45	X	2. dentata 9"	7"	w 2.9"	6"	2.1ft	2.1ft																
46 mlg B 16	17	36	5ft	5ft	0.4-7ft	0.5-10ft	0.9-12ft	*															
47		2. acutus 23	m 2 of 28	1.5ft	2ft	2.1.5ft	2.1ft																
48 gnw B 20	25	54	c. 6ft	w 2.2.5ft	2.3ft	2ft	2.1.5ft																
49 2. acutus 6"	7	15	24	1.5ft	2.1.5ft	2.6"	0																
50 mbe B 16	18	24	3.5ft	w 2.3.5ft	5ft	6ft	0.4-7.5ft	*															
51	6	8	17	1.5ft	2.3"	2.6"	2.3"																
52 GNW 79	274	23 of 17	X	DS 1033 0	DS 1075 0																		
53 2. faberi 5	7	11	16	2ft	3ft	4ft	4ft																
54 MATW 50	55	72	c. 7ft	0.7-8ft	0.9-11ft	0.4-1.2-14ft	0.4-1.4-14.5ft	10ft															
55 2. faberi 6"	7	8	13	2ft	1.5ft	1.5ft	2ft																
56 FT 53/W 57	256 4	55	23 of 50	0.4-7ft	0.6-7ft	2.3 of 1ft	3.2.5ft																
57	23 73	0	DS 959BT 0	DS 1016B 0	DS 1085 0																		
58 FT 530/W 35	39	51	c. 5ft	0.5-6.5ft	0.5-7.5ft	0.4 of 4.5ft	2.5ft																
59	23 79	2. chinii 12	210	2.4 6"	FP 1500 1.5ft	2ft	2.5ft																
60 GSW 62	67	72 21ft	c. 7.5ft	0.8-10/1ft	0.4-1.0-12 3ft	2.0-3-8.5ft	0.5-10/1ft	3ft															

PA C		38	39	40	41	42	43	44 Mont. Alt. Forest Pa
61	L. chin. ?	7	20	37	9ft	3.5ft	6ft	0.4-7.5ft *
62	CP W 53	? 53	72 lb	c2 6.5ft	ca. 0.6-8ft	ca. 7.5ft	ca. 7ft	0 → Replanted 4-5-45 0-16 Large
63	3"	? 3 3"	0	DS 960T 0	DS 1035 0	Hyd 3ft	ca. 3.5ft	0 → Replanted 4-5-45 0-16 Medium
64	MAU W 50	57	4.58	c. 6ft	0.5-6ft	0.8-7ft	ca. 1.0-10ft	1.3-12.5ft *
65	2	X ?	2. faberi 13	8	1ft	1ft	2ft	9 1.5ft
66	GO W 56	? 58	ca. 3 36	? 3ft	w2 2.5ft	w3 2.5ft	0	DS 1174 0 → Replanted 4-5-45 0-16 Small
67	17	X ?	2. acutus 17	3ft	w. 3.5ft	5ft	0.2-6.5ft	0.4-7ft *
68	CNW 64	68	82	c. 8ft	ca. 1.1-10.5ft	ca. 1.3-13ft	ca. 1.4-15ft	ca. 1.5-15ft 5ft *
69	2. faberi 4"	5	8	20	3ft	5ft	5.5ft	0.3-6ft 25ft *
70	MAT W 36	45	82	c. 7.5ft	0.7-9.5ft	1.1-12ft 16ft	ca. 1.5-17ft	1.6-15.5ft *
71			2. oerstedii 73	m3 9 15	1.5ft	? 3 8"	9ft	m. 1ft
72	FP 53 W 47	47	ca. 3 45	c. 6ft	0.5-8ft	0.8-10ft	1.0-14.5ft	1.2-14.5ft *
73	0	X ?	2. dentata 7	6	7"	Hyd 3ft	4.5ft	5ft *
74	FP 53 W 48	? 38	ca. 2 52	6ft	0.5-7ft	0.8-9ft	ca. 0.9-9.5ft	ca. 1.0-11ft *
75	2. acutus 7"	8	15	15	1.5ft	1.5ft	2ft	0 → Replanted 4-5-45 0-16
76	FP 53 W 47	? 43	ca. 2 46	4ft 25	4.5ft	4ft 21.5ft	0	m3 2 5ft
77	2. oerstedii 8	? 3 3	0	DS 959BT 0	DS 1016A 0	DS 1068 0	0	DS 1174 0 → Replanted 4-5-45 0-16
78	FP 53 W 43	48	ca. 6 3 45	m3 2 6ft	0.4-8ft	0.8-10.5ft	1.1-14ft	1.2-15ft *
79	2. faberi 4"	10 yel	m2 12	21	2.5ft	3ft	4ft	4.5ft
80	Mat W 37	47	ca. 52	c. 6ft	0.5-8ft	0.8-10ft	1.1-13.5ft	1.2-14ft *
81			2. acutus 14"	18	w. 2 4 11"	0	0	DS 1154A 0 Replanted 4-5-45 0-16
82	gnw W 30	? 30	53ft	c. 6.5ft	w. 0.4-7ft	ca. 3 0.4-8ft	0.7-10ft	0.8-11ft *
83			2. chinii 13	21	w. 3ft	4ft	5ft	5.5ft *
84	gnw W 29	34	50	c2 6ft	0.7-8ft	0.4-10.5ft	ca. 1.3-13ft	ca. 2 2.5ft
85	2. glabra 4"	? 3 3"	0	DS 964T 0	DS 1016A 0	FP 1511 2ft	3ft	9 2ft
86	man W 37	? 2 19	54	c2 5.5ft	w. 0.4-6ft	? 3 2ft	? 0.2-6.5ft	0.4-7.5ft *
87			2. faberi 12	14	1.5ft	2ft	1.5ft	2.0ft *
88	gnw W 45	48	60	7ft	0.8-8.5ft	1.0-11ft 16ft	ca. 1.3-12.5ft 30ft	ca. 1.3-13.5ft 10ft *
89	2. faberi 8	3"	4	6	9ft	FP 906 X	7 2ft	9 4ft
90	gnw W 45	47	56	c2 6.5ft	0.5-7.5ft	0.5-9.5ft 26ft	ca. 1.1-20ft 11ft	1.3-13.5ft 30ft *
91	3	X	2. oerstedii 8	18	1.5ft	3ft	3ft	m. 2.5ft
92	FP 53 W 46	48	ca. 2 42	0	4ft	5ft	ca. 2 4ft	m3 2 0.2-6ft *
93			2. oerstedii 0	0	DS 1027 12"	0		Replanted 4-5-45 0-16 Large
94	FP 53 W 42	45	58	c. 6ft	0.7-7ft	0.8-8ft	ca. 1.1-10ft	1.4-12ft *
95			2. dentata 7	10	6"	Hyd 5ft	ca. 2-7ft	0.4-8ft 12ft Aug
96	Mat W 38	? 2 14	ca. 2 48	c. 5ft	0.6-7ft	0.4-10ft	0.8-16.5ft	0.9-12ft *
97			2. acutus 11	2, 3 9	10"	1ft	9 6"	9 1ft
98	gnw W 27	29'	50ft	c. 5ft	w. 2 2ft	w. 2 2ft	9 2ft	0 → Replanted 4-5-45 0-16 Medium
99			2. chinii 12	14	9 4"	? 2 6"	0	0 → Replanted 4-5-45 0-16 Medium
100	gnw W 31	? 31	? 3 3 yel	2ft	3ft	0		0 → Replanted 4-5-45 0-16 Small

PAC		38	39	40	41	42	43	Mont Alto Forest Pa
101			2. faberi 7"	9	6"	FP1500 1.5ft	m 1ft	2 1ft
102	FP617S 66	? 22	du 43	m ₂ 9 6ft	w ₃ 9 3ft	2 1.5ft	0	Replanted 4-5-45 0-16 Large
103			2. veneta 10	16	10"	0		Replanted 4-5-45 0-16 Large
104	FP616 S 70	72	72	c. 7ft	0.8-7.5ft	1.0-9ft	1.4-12.5ft	CB ₂ 4 5.5ft
105	3	9	17	26	3ft	2ft	2.5ft	2ft
106	FP564 S 55	? 38	du 55	c. 6ft	0.7-8ft	1.1-10.5	1.2-13.5ft	1.3-16ft *
107	FP45 S 41	→	2. veneta 14"	9	w ₃ 9 9"	4.1ft	9 1.5ft	9 1ft
108	FP45 S 41	53	72	6.5ft	w ₃ 9 3ft	du ₃ 4 6ft	0.5-8ft	0.7-10ft *
109	2. veneta 9"	10	15	25	w. 2ft	2ft	3.5ft	3.5ft
110	GWS 46	53	76 24m	du ₃ 4 5.5ft	w ₃ 9 2ft	6ft	0.5-8.5ft	0.5-10.5ft *
111	2. Chini 4"	7	14	? 2 12"	0	FP903 T 1ft	m. 1ft	2 1ft
112	HF S 46	49	68	c. 6ft	0.6-7ft	du 0.8-10.5ft	1.0-12ft	1.3-13ft *
113			2. dentata 5"	6	6	Hyd. 2ft	4.5ft	5ft *
114	GABS 52	60	92 4ftm	0.7-8ft 2ft	0.7-9.5ft	1.6-11.5ft 11m	CB ₂ 6ft	X → Replanted 4-5-45 0-16 Large
115			2. acuta 14	m ₂ 9 21	2.5ft	2.5ft	3.5ft	4.5ft
116	MBCS 50	54	74	c. 7ft	0.7-8.5ft	1.0-11.5ft	1.0-12.8ft	1.3-13.5ft *
117	2. Chini 8"	? 4	17	33	w. 3ft	3ft	3ft	0.2-6ft *
118	FP617S 64	? 20	TK 2 33	c. 5.5ft	0.6-7.5ft	1.0-10ft	CB ₁ 1.3-12.5ft	1.5-17ft 2ft *
119	2. glabra 5	? 2	0	DS 967T	2ft (DS 102T 0)	3ft	9 2.5ft	3ft
120	FP616 S 66	68	du 2 46	c. m ₂ 9 25	0.3-6ft	0.8-10ft	1.1-13.5ft	1.4-15ft *
121	2. Chini 8"	9	15	? 2 9 13"	2 7"	FP1500 6ft	0	DS 114 0
122	FP564 S 72	24	118"	c. 0.9-11ft	1.1-11.5ft	1.3-15ft	1.5-17ft	du 1.7-18ft *
123	2. glabra 12	X	2. Chini 18	32	w. 3ft	3ft	3.5ft	5ft *
124	FP45 S 38	58	99	0.8-12ft 7ft	1.1-12.5ft	1.3-15ft	1.4-17ft	46-1.6-18ft *
125	2. faberi 4"	6	9	13	1ft	1.5ft	2ft	2.5ft
126	FP45 S 37	41	62	6ft	0.5-7ft	0.5-9.5ft	0.8-12.5ft	1.0-12.5ft *
127			2. faberi 13	10	14	1.5ft	2.5ft	2ft
128	FP564 S 46	56	91	c. 0.8-10.5ft	1.0-11.5ft	1.1-15ft	1.2-17.5ft	1.6-19ft *
129	9	X	2. veneta 9	9	2 4"	Hyd 5ft	5.5ft	0.2-6ft *
130	FP616 S 44	45	52	c. 5.5ft	0.7-7ft	0.8-10ft	1.2-14ft	1.3-15.5ft *
131	5	X	2. veneta 8	? 2 21	2ft	2ft	3ft	4ft
132	FP617 S 48	52	63	c. 7.5ft 46	0.7-10ft	1.1-11.5ft 46m	1.4-14ft 46m	1.7-15ft 35ft *
133	3	4	X	DS 959A 0	DS 1016D 0	DS 1075 0	Hyd 3.5ft	4ft
134			2. dentata 22"	DS 959B 0	0	DS 1070C 13	6"	9 6"
135	mbe S 29	31	du 2 33"	3ft	4.5ft	du 2 4 5ft	6ft	0.2-7ft
136	gab S 38	39	48	c. 6ft	0.5-6ft	0.6-8ft	du 2 4 3.5ft	2 4ft
137	6	? 48	47	16	2ft	15"	1.5ft	1.5ft
138	hf S 31	40	72	du 3 4 31	3.5ft	5.5ft	0.3-7.5ft	0.5-8ft *
139	2. glabra 3"	? 30	0	DS 962T 0	DS 1032 0	Hyd 4.5ft	0.2-7ft	0.3-7.5ft *
140	gw S 37	44	m ₂ 9 66	c. 5.5ft	0.4-6ft	0.6-9ft	du 0.9-11.5ft	1.2-12ft *

AC	Y	Y0	Y1	6-2040	7-421	6-19-52	Jan 13
101	FP1500						
102	0-16L	0					
103	0-16L	0					
104	FP616	0					
105	?	0					
106	FP56X	1.8-21*	2.1-22*	2.1-22*	2.1-22*	2.1-22*	
107	2. Varnish	M3 96"		Replaid 10/23/50			
108	FP45	1.1-12*	1.1-13*	1.3-15*			
109	2. Varnish	0.5-6L	0.4-7L				
110	CW	1.0-12*	1.3-15*	1.5-17*			
111	FP903	0		Replaid 10/23/50			
112	HTF	1.3-13*	0.0.5-7L				
113	Nya (1337)	0.4-7L	HTF	9.1.5 6			
114	0-16L	0.4-7L					
115	2. acetic	1.6-17*	1.9-22*	2.2-23*			
116	MBC	0.8-8L					
117	2. Chemi	2.1-17*	2.8-19*	3.5-22*			
118	FP617	0					
119	FP967	0					
120	FP616	2L		Replaid 10/23/50			
121	0-16L	2.4-24*	2.8-25*	3.0-26*			
122	FP564	0.2-6L	0.4-7L				
123	2. Chemi	0.2-6L	0.4-7L				
124	FP45	0.2-6L	0.4-7L				
125	2. fabric	0.2-6L	0.4-7L				
126	FP45	0.2-6L	0.4-7L				
127	2. fabric	0.2-6L	0.4-7L				
128	FP56X	0.2-6L	0.4-7L				
129	Nya (1337)	0.2-6L	0.4-7L				
130	FP616	0.2-6L	0.4-7L				
131	2. Varnish	0.2-6L	0.4-7L				
132	FP617	0.2-6L	0.4-7L				
133	Nya (1337)	0.2-6L	0.4-7L				
134	MBC	0.2-6L	0.4-7L				
135	2. Ethers	0.2-6L	0.4-7L				
136	gah	0.2-6L	0.4-7L				
137	gah	0.2-6L	0.4-7L				
138	HTF	0.2-6L	0.4-7L				
139	Nya (1337)	0.2-6L	0.4-7L				
140	gah	0.2-6L	0.4-7L				

PA C		20	34	50	71	72	75	76	77	Alto Forest, Pa.
141	Z. chin	8	12	22.4	21.0	2ft	2.1ft	2.1ft	2.1ft	Replotted 4-5-45 0-16 Small
142	45 S 38	42	58	C ₂ 26.5ft 4th	0.7-6.5ft 2th	0.7-8ft 12th	0.7-8ft 12th	0.7-8ft 12th	0.7-8ft 12th	
143	2	X	Z. actina 22	2.17	20	2ft	2.5ft	2.5ft	2.5ft	
144	564 S 55	58	72	C ₁ 7.5ft	0.7-10	0.7-10	0.5-8ft	0.5-8ft	0.7-8ft *	
145	3	X	Z. chin 11	14	18	W ₁ 2ft	2ft	2ft	2ft	
146	616 S 37	3.36	m ₃ 440	C ₁ 5ft	0.4-6ft	0.6-9ft	0.3 of 5.5ft	0.4-7.5ft *		
147	3	X	Z. faberi 12"	W ₂ 45"	0	High 4ft	5ft	5ft		
148	617 S 54	the 2.52	of 4ft	W ₃ 2.5ft	2ft	0			Replotted 4-5-45 0-16 Small	
149	3	X	Z. dentata 10	of 10	4.4"	5"	0		Replotted 4-5-45 0-16 Small	
150	mbc S 26	47	70	C ₁ th. 2.5ft	W ₂ 2.5ft	4.5ft	5.5ft	W ₁ 4.5ft		
151	Z. venidus 6	7	? 3 of 14	W ₃ 14	W ₃ 6"	0			Replotted 4-5-45 0-16 Medium	
152	Z. venidus 6	7	-	25	2.5ft	1ft		4.8"		
153	Z. chin 6	6	-	0	DS 10160 0	DS 104230 1ft		0	Replotted 4-5-45 0-16 Medium	
154	Z. venidus 8	10	13	0	0	FP 378 1ft		0	Replotted 4-5-45 0-16 Large	
155	3	X	Z. dentata 7	7	W ₂ M ₂ 7"	1ft		4.6"		
156	Z. venidus 10	X	Z. actina 10	X	DS 1092 0	FP 150 48"		4.6"		
157			Z. chin 8	2.9	W ₂ 7.4"	4.5"	0		Replotted 4-5-45 0-16 Medium	
158	gnw B 27	X	Z. faberi 10	12	16	1.5ft		2.1ft		
159	Z. 3	X	Z. dentata 10	14	3.10"	1ft		4.6"		
160	Z. glaben	0	Z. venidus X	0	DS 1014 0	DS 1068 0			Replotted 4-5-45 0-16 Large	
161			Z. dentata 9	9	13	1ft		2ft		
162	Z. faberi 4	6	-	12	W ₃ 13	1.5ft		W ₁ 1ft		
163	GMB 29	40	-	8ft	th. 0.6-10ft	th. 0.8-10ft		th. 1.1-12.5ft *		
164			Z. actina 22	22	2ft	2.5ft		2ft		
165	4	X	Z. chin 6	4.6"	0	DS 10838 0		DS 1155 0	Replotted 4-5-45 0-16 Small	
166			Z. faberi 10	M ₂ 16	10	1ft		4.6"		
167	Z. glaben		Z. dentata 10	11	12"	1ft		2.1ft		
168	gnw W 8	X	Z. venidus 18	18	W ₃ 14	1ft		2.1.5ft		
169	Z. actina 10	? 3.76"	0	0	(DS 1033 0	(DS 1086 0)		2.6"		
170	Z. chin 6	? 3 of 6	17	2.17	2.5ft	2.5ft		1.5ft		
171			Z. dentata 7	7	8"	High 1ft		4.6"		
172	Z. actina 9	? 3.76	-	8	W ₃ 15	1ft		4.6"		
173	G N W 40	0	Z. chin 13	13	M ₂ 20	1ft		4.1ft		
174	Z. faberi 6	6	6	14	14	1ft		2ft		
175			Z. faberi 15	15	W ₁ 14	1.5ft		2ft		
PA D	1 MBE B 27	30	90	th. C. 0.6-11	W ₂ 2ft	0.4-8ft 9ft	? 3 of 3ft	2.3ft		
	2 GSC (M) S 3	W ₁ 3.9	43	5.5ft	0.7-7ft	0.5-8ft	0.8-12.5ft	1.1-13.7ft *		
	3 gnw 26	? 2.28	M ₃ 48	5ft	0.3-5.5ft	W ₂ 4.3ft	th. 2 of 2ft	4.3ft		
	4 MAU W 58	? 2.57 4th	C ₁ 27	4.5ft	5ft	0.3-7ft	0.8-10ft 1th	1.0-11ft *		
	5 man w 22	26	53	5.5ft	0.3-7ft	0.5-11ft	0.9-12.5 2th	0.9-10.5ft *		

PAC	Yr	Sex	Age	Weight	Height	Measurements	Notes	Other
141	14	♀	1.1-11	M, 11ft	Replanted 10/23/50	Acacia woodii x Reg. 366652	M, 11ft	1.2ft
142	14	♂	1.2-12	2.1ft	Replanted 10/23/50	FP 14X36	X	1.1ft
143	14	♀	1.2-12	1.2	Replanted 10/23/50	sup 2 7/2	sup 2 7/2	1.1ft
144	14	♀	1.1-11	1.2	Replanted 10/23/50	1.2-12	1.2-12	1.1ft
145	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
146	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
147	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
148	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
149	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
150	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
151	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
152	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
153	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
154	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
155	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
156	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
157	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
158	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
159	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
160	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
161	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
162	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
163	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
164	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
165	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
166	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
167	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
168	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
169	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
170	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
171	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
172	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
173	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
174	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
175	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
PAD 1	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
2	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
3	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft
4	14	♀	0.2-5	0.2	Replanted 10/23/50	0.2-5	0.2-5	0.5-8
5	14	♀	1.1-11	1.2	Replanted 10/23/50	1.1-11	1.1-11	1.1ft

			38	39	40	41	42	43	44 Mont Alto Forest, Pa
PA D	6 mbe B 8	7.7	12	16	0	DS1082 0	3.5ft	7.5ft	4.5ft
	7 CW B 13	23	43 9 80	C. 0.9 4ft	w 9 2.5ft	4.5ft	CA. 6ft	th 0.2-2ft	Replanted 4-5-45
	8 gw B 18	30	60	4.5ft	w 9 2ft	4.3ft	4.7ft	0	Replanted 4-5-45
	9 HF S 42	w 3 4	? 9 22	th 3 7 3ft	4.1.0	4.1ft	0		Replanted 4-5-45
	10 h S 20	22 y 6	? 9 8"	4 20	2.5ft	3ft	0.2-6ft	0.4-7.5ft *	
	11 mbe B 12	7.26	0	DS1096 0	1.5ft	2.5ft	4.5ft	5.5ft *	
	12 GW B 46	48	58	C. 5ft	5.5ft	0.2-7ft	CA. 0.5-7.9 2ft	th. 5.5ft *	
	13 gw B 37	44	56	th 3 4 2ft	2.5ft	3.5ft	th 3.5ft	4 2.5ft	
	14 EABS S 2	58	66	C. 6ft	0.7-7.5ft	0.8-10ft	1.1-12.5 ft	th. 1.1-14ft *	
	15 gal S 29	32	43" 13m	4ft	w 3 2ft	w 3 2ft	th. 3.5ft	3.2ft	
	16 GPW 54	55	6.5ft	0.5-7.5ft	0.6-9ft	th 3 3.5ft	DS1155 0	7 1.5ft	
	17 gp B 31	? 30	72	C. 5ft	0.2-6.5ft	0.4-8ft	0.7-11ft	0.9-12.5ft *	
	18 MATW 61	61 y lb	w. 5 9 4 4	C. M 3 7 8ft	0.5-8ft	0.6-10ft	0.9-13ft	1.1-14ft *	
	19 matw 45	th 16	? 3 40	5ft	0.2-6ft	0.6-9ft	0.8-11ft	0.9-12.5ft *	
	20 go W 32	X	0	0	DS1082 11"	1ft	1.5ft	2.1ft	
	21 GP B 43	? 32	X	DS10423 0	DS1031 10"	1.5ft	1.5ft	0	Replanted 4-5-45
	22 EN B 40	X	0	DS 9 23 0	DS1016 0	DS 1071 0	0	DS1154 B 0	
	23 gw B 36	51	72	e. 0.6-8ft	0.7-9ft	0.9-11ft 9 6	th. 1.0-15ft 26	th. 1.2-15.5ft *	
	24 FP 617 S 62	66	101	0.9-10.5ft	th 2 2ft	w 3 th 4 4ft	5.5ft	5.5ft *	
	25 H 617 S 42	X 2	54	6ft	0.4-7ft	0.4-8ft	0.5-9.5ft	0.6-10ft *	
	26 WA 6	0	10 14	DS 9 54 10	7 2ft	2ft	-	9.5ft *	
	27 WA 5	X?	4 8	? 5 7 6	9"	1.5	-	3ft *	
	28 WA 9	10	15	33	4ft	5ft	-	0.4-7ft *	
	29 WA 4	8	22	3.5ft	4.5ft	5.5ft	-	0.6-8ft *	
	30 WA 6	10	23	34	4ft	4.5ft	-	0.4-7.5ft *	
	31 WA 6	6	13	22	2.5ft	3ft	-	0.3-6ft *	
	32 WA 5	7	13	3ft	4ft	4.5ft	-	0.4-7ft	
	33 WA 6	8	15	17	2ft	7, 1.5	-	sup 2ft	
	34 WA 8	8	9	14	20'	2.5ft	-	5ft	
	35 RO 3	4	5	? 4 6"	9"	m. 1.5ft	-	6"	
	36 RO 6	9	17	19	3ft	5ft	-	0.7-8ft *	
	37 RO 5	6	10	18	2.5ft	3ft	-	0.2-6.5ft *	
	38 RO 6	10	21	3.5ft	4ft	4.5ft	-	0.5-8.5ft *	
	39 RO 10	? 10	0	0	DS1024 0	DS1073 0	Nye 3ft	2.5ft	
	40 RO 4	6	9	? 7"	w. 13"	2ft	-	0	Replanted 4-5-45
	41 RO 8	? 6	9	14	2ft	3ft	-	0.4-6.5ft *	
	42 RO 13	20	34	4ft	0.3-6ft	0.2-6.5ft	-	0.9-9ft *	
	43 BL 8	17	45	4.5ft	w 3. 4ft	6ft	-	0.4-7.5ft *	
	44 BL 8	14	50	w 3. 7ft	w 3. 0.4-8ft	0.8-9ft	-	1.0-12ft *	
	45 BL 8	24	74	w 3. 0.6-9ft	w 3. 0.9-10.5	1.0-11ft	-	w 3. 1.2-12.5ft *	

PAD	6	45	70	147	6-20-40	7-15-50	7-27-51	6-19-54	6-19-54	6-19-54	6-19-54
7	mbe	2y 3 1/2	5ft	0.4-6		0.9-13*	1.3-12*	Aug 1.4-14	1ft		
8	GW	0.4-7 1/2*	20.5-7 1/2*	0.5-8		0.5-9*	1.3-12*	Aug 1.4-14	1ft		
9	0-16	3ft*	3	4ft	5ft	sup 1ft	1ft	2ft			
10	0-16	2y 2 1/2*	2 1/2	2ft		X	1ft	2ft			
11	lp	0.5-8 1/2*	0.8-10*	0.9-12 1/2*	0.2-1.0-14	0.2-7 1/2	1.3-12*	1ft			2ft
12	EW	0.2-7 1/2*	0.4-7 1/2*	0.6-8 1/2*		1.2-13	1.6-13	1.6-15			2ft
13	GW	2ft	2ft	2ft		X	1ft	1ft			1ft
14	CAB	1.3-14*	1.4-15*	XCB	Replanted 10/23/50	X	1ft	1ft			2ft
15	gab	2 1/2	2 1/2	2 1/2		FP1X36	1ft	1ft			1ft
16	EP	M. 2 1/2ft	2 1/2ft	2 1/2ft		Aug 2 sup 1ft	1ft	1ft			1ft
17	gpc	1.2-13 1/2*	1.3-14*	1.5-15*	1.8-17*	2.7-23*	3.7-24*	3.8-25*			M2 4.2-21
18	MAT	1.3-17 1/2*	1.3-18*	1.6-21*	1.8-21 1/2*	2.6-25*	3.0-25*	3.1-29*			M3 3.6-8 1/2
19	mat	1.3-13*	1.3-16 1/2*	1.5-17*	1.6-21*	2.3-24*	2.3-24*	2.7-26*			
20	FP1032	2y 1 1/2ft	2y 1 1/2ft	1 1/2		X	1ft	1ft			2ft
21	0-16	2ft	2ft	2ft		2ft	1ft	1ft			1ft
22		0	0	0	Replanted 10/23/50	FP1X6 1-D	5ft	0.2-6ft*			X
23	GW	0.1.3-16ft*	0.2-7*	0.5-9*		sup. 1.5-17*	1.5-17*	6"			1ft
24	FP617	0.3-7ft	0.4-7*	0.7-8*		1.5-15*	2ft	2ft			X
25	FP617	0.2-5ft	0.2-5 1/2	0.5-8		sup 2-0.9-14*	2ft	2ft			2ft
26	WA	5ft	0.2-5 1/2			sup w. 1.0-14*	1.5-16				
27	WA	4ft	5ft			1.1-13	1.6-18				
28	WA	0.7-8*	0.8-9*			1.3-14 1/2	1.9-20				
29	WA	0.9-12*	1.2-13*			1.3-14 1/2	2.3-20	2.4-21			
30	WA	0.8-10*	0.9-11 1/2*			1.4-17 1/2	2.0-22*	2.3-20*			
31	WA	0.5-7 1/2*	0.7-9*			1.5-17 1/2	1.5-17				
32	WA	0.4-9*	0.9-12*			sup w. 1.1-17*	2.0-20*	2.2-21*			2.5-26*
33	WA	1ft	1 1/2			sup w. 1.6-19*	3 1/2ft				
34	WA	0.5-6*	0.5-7 1/2*			sup M. 4*	1ft				
35	RO	2ft	1ft			1.1-13 1/2	1 1/2				
36	RO	1.0-10*	1.2-12 1/2*			1ft	1 1/2				
37	RO	0.8-8*	0.6-9 1/2*			1.9-21*	2.1-21*	2.3-23			
38	RO	0.8-9*	0.9-12*			1.3-13 1/2	1.8-16				
39	Nyn	2y 2 1/2	2y 2 1/2		Replanted 10/23/50	1.8-19*	2.0-21*	2.3-25			2.8-26*
40	0-16	2 1/2*	2 1/2*			FP136X-F	1ft	2ft			4.2ft
41	RO	0.7-7 1/2*	0.8-9 1/2*			0.9-10	1.1-12 1/2*	1.4-14*			
42	RO	1.0-12*	1.0-12 1/2*			1.5-17 1/2	2.0-20*	2.0-20*			3.0-21*
43	BL	0.7-9*	0.8-10*			1.9-19*	2.2-21*	2.7-24			
44	BL	1.2-13 1/2*	1.2-14 1/2*			1.4-18	1.6-20				
45	BL	1.4-14*	1.5-15*			2.2-23*	2.3-24	2.6-26			
						2.3-23*	2.8-25	3.1-25			3.8-21*

PA	D		3E	3T	X0	X1	X2	X3	X4
	46	BL	25	47	X	DS 998 0	DS 1074 0	Replanted 4-5-45	0-16
	47	BL	23	47	W ₃ 4ft	X	FP 1511 1.5ft		Mont Alto Forest, Pa
	48	BL	13	30	W ₂ 23	0	DS 1086 0	Hyd 4.5ft	0.2-6ft *
	49	BL	35	70	W ₃ 6.5ft	W ₃ 0.4-7ft	0.8-8ft		1.0-10ft *
	50	BL	27	92	L ₃ 0.6-9ft	X L ₃ 2	Hyd 9ft		9ft
	51	MBH B 24	29	44	C. 5.5ft	0.3-7ft	0.5-9ft	C ₃ 0.9-10.5ft	1.1-12.5ft *
	52	MAT W 0	0	0	DS 957T 0	DS 1031 11"	W. 1ft	W ₃ 93'	0
	53	MAT W 4L	? 42	th. 36	5.5ft	W ₃ 2.4ft	th. 3 26.5ft	C ₃ 0.5-9.5ft	0.8-11ft *
	54	FP 616 S 66	69	W. 66	C. 0.5-6.5ft	0.7-7ft	0.8-9ft	1.0-10.5ft	1.2-12.5ft *
	55	FP 616 S 32	? 32	48	C. 7ft	0.5-7.5ft	0.6-9ft	0.9-12ft	1.2-13ft *
	56	FP 710 B 21	32	49	C. 7ft	0.5-7ft	0.5-8ft	0.8-10.5ft	0.9-12.5ft *
	57	FP 531 W 46	? 46	W ₃ 260	6ft	0.5-7.5ft	0.5-9ft	0.8-11.5ft	1.0-12.5ft *
	58	FP 531 W 37	37	55	6.5ft	0.5-8.5ft	0.5-10ft	C ₃ M ₃ 2.6ft	0.4-8ft *
	59	FP 564 S 67	74	89	C. 0.7-8ft	0.9-8.5ft	1.0-10ft	1.1-12.5ft	1.4-12.5ft *
	60	FP 564 S 0	0	0	DS 958T 0	DS 1031 10"	1.5ft	1.5ft	2ft *
	61	MBH B 23	? 27	? 33 11	97" 11	(DS 1078 0)	0	0	2ft 6"
	62	FP 530 W 54	55	W ₃ 257	7ft	0.5-9ft	0.6-10ft	th. 3 25ft	0.2-5.5ft *
	63	FP 530 W 34	W. 39	52	C. 5.5ft	0.4-7ft	0.5-9ft	0.8-12.5ft	1.0-12.5ft *
	64	GN B 4L	0	0	6.5ft	W ₃ 2.1ft	0	0	DS 1153 B 8"
	65	GN B 24	0	0	DS 957 15"	47"	1ft	0	DS 1157 A 0
	66	GN W 32	34	49	C ₃ 238	W ₃ 2.2ft	C ₃ 2.5ft	th. 3 23.5ft	4ft 260
	67	ES W 61	? 2 12	C ₃ 240	C. 5ft	0.3-6.5ft	C ₃ 0.4-8ft	th. 3 24ft	4ft 260
	68	GN W 31	0	0	DS 962T 0	DS 1022 12"	1.5ft	2ft	4ft 260
	69	MBG B 24	34	65	7ft	0.5-8ft	0.6-9ft	C ₃ 0.4-12ft	C ₃ 1.1-12.5ft *
	70	GO W 6L	65	72	8.5ft 4ft	0.8-11ft	C ₃ 1.0-13ft	th. 2 11-14.5ft	C ₃ 2.2ft
	71	GN W 27	28	54	7ft	0.5-8ft	0.6-9ft	C ₃ 0.9-12.5ft	C ₃ 1.4-14ft *
	72	GP W 57	? 57	th. 59	7ft	W ₃ 2.3ft	W ₃ C ₃ 2.5ft	th. 0.2-7ft	th. 0.3-7.5ft *
	73	GN W 37	? 40	58	7ft	0.5-8ft	th. 2 0.8-10ft	C ₃ 0.7-11ft	th. 2 2.2ft
	74	FP S 32	42	W ₃ 250	6.5ft	0.3-8ft	0.4-9ft	th. 0.5-10ft	th. 0.6-10.5ft *
	75	FP S 38	42	58	6.5ft	0.3-7.5ft	0.3-9.5	0.5-10ft	0.5-10.5ft *
	76	BL	10	0	DS 947T 0	DS 1027 0	DS 1073 11"	← 0	→ 2 15ft
	77	BL	10	18	0	DS N25 0	DS 1032 0	FP 1500T 1ft	1ft
	78	BL	14	28	? 27	L ₃ 2.6"	0		Replanted 4-5-45
	79	BL	6	X	0	DS 998 0	DS 1082 12"	← 0	→ 2 6"
	80	BL	17	0	DS 958 0	DS 1030 0	DS 1074 0		DS 1047 0
	81	BL	14	15	6ft	W ₃ 5ft	6ft		L ₃ 0.3-7ft *
	82	BL	17	31	3.5ft	4ft	? 4ft		? 4ft
	83	BL	6	13	? 12"	L ₃ 1ft	2ft		DS 1148 4"
	84	BL	11	24	L ₃ 3ft	L ₃ 4ft	? 1.5ft		BL ? 2 6"
	85	WA	18	21	2ft	2.5ft			3.5ft

2A P46

47	0-16	FR1511	22	Replanted 10/23/50	FR1X36	6"	X
48	HyM	FR1511	22	Replanted 10/23/50	1.7-17	1.9-20	26-21
49	Bk	FR1511	22	Replanted 10/23/50	2.2-21	2.3-25	26-21
50	HyM	FR1511	22	Replanted 10/23/50	0.3-8	0.5-11	X
51	MNH	FR1511	22	Replanted 10/23/50	1.9-20	2.0-21	1H
52	0-16	FR1511	22	Replanted 10/23/50	2.3-23	2.4-24	3.4-25
53	Meat	FR1511	22	Replanted 10/23/50	2.4-22	2.7-23	0.8-13
54	FR1616	FR1511	22	Replanted 10/23/50	2.3-21	2.5-22	2.5-21
55	FR1616	FR1511	22	Replanted 10/23/50	2.2-22	2.5-22	4.7-26
56	FR1710	FR1511	22	Replanted 10/23/50	1.6-16	1.8-20	3.4-26
57	FR1531	FR1511	22	Replanted 10/23/50	2.3-23	2.8-23	2.3-26
58	FR1531	FR1511	22	Replanted 10/23/50	1.6-16	1.8-20	2.3-20
59	FR1564	FR1511	22	Replanted 10/23/50	2.3-23	2.8-23	3.3-25
60	FR1621	FR1511	22	Replanted 10/23/50	X	6"	1H
61	FR1530	FR1511	22	Replanted 10/23/50	FR1X36	1H	2H
62	FR1530	FR1511	22	Replanted 10/23/50	0.5-10	0.9-11	1.2-12
63	FR1530	FR1511	22	Replanted 10/23/50	2.3-21	2.7-23	3.5-21
64	FR1530	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
65	0-16	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
66	FR1511	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2B
67	FR1511	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	2H
68	FR1012	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	1/2H
69	MDC	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	2B
70	GO	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
71	FR1511	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
72	FR1511	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
73	FR1511	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
74	FR1511	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
75	FR1511	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
76	FR1673	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
77	FR1500	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
78	0-16	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
79	FR1082	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
80	0-16	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
81	BL	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
82	BL	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
83	FR1149	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H
84	BL	FR1511	22	Replanted 10/23/50	1.6-17	1.8-20	2H
85	WA	FR1511	22	Replanted 10/23/50	0.3-7	0.5-8	1/2H

PA	D	86	WA	6	38	37	40	41	42	43	Y.Y.	Notes	
		86	WA	6	6	20	30	3.5ft	3.5ft	-	0.2-6ft*		
		87	WA	5	8	17	27	3.5ft	5ft	-	0.4-7ft*		
		88	WA	5	10	22	30	3.5ft	5ft	-	0.2-5ft*		
		89	WA	6	7	15	27	3ft	4ft	-	0.3-7.5ft*		
		90	WA	6	8	M ₂ 10	M ₂ 12"	1ft	1ft	-	1.5ft		
		91	WA	6	8	14	27	2ft	2ft	-	2.5ft		
		92	WA	6	7	8	99	11"	1ft	-	4.1ft		
		93	RO	5	6	0	(DS 962 6")	2.5ft	3ft	-	5ft		
		94	RO	3	? 3 4 3"	3	? 4"	6"	9 10"	0	-	Replanted 4-5-45 0-16	
		95	RO	7	8	12	29	3.5ft	5ft	-	0.4-7.5ft*		
		96	RO	7	7	10	15	2.5ft	5ft	-	M. 0.4-7ft*		
		97	RO	6	11	14	3ft	4ft	5ft	-	0.5-8ft*		
		98	RO	4	? 3 3 5"	0	DS 954 0	DS 1028 0	FP 1511 1.5ft	-	3ft		
		99	RO	7	? 7	18	47	6"	14ft	XR	-	Replanted 4-5-45 0-16	
		100	RO	6	10	18	3.5ft	4.5ft	5ft	-	0.5-7.5ft*		
		101	Muh BIY	0	0	0	DS 963T 0	DS 1028 0	FP 1500 1.5ft	-	2.1ft		
		102	MAUWSL	54	58	0	C. 5.5	0.4-6ft	0.3-7ft	4.5ft	0.2-7ft*	Replanted 4-5-45 0-16	
		103	Wauw 14	0	0	0	DS 1026 0	DS 1075 0	0	0	0		
		104	GABS 50	62	88 6ftm	0	C. 7ft	0.7-8ft	0.4-1.0-11ft	0.4-7.5ft	0.4-5ft	Replanted 4-5-45 0-16	
		105	Gabs 28	36	57 5ftm	0	0.3-3.3ft	W. 2.2ft	0	0	0		
		106	FP 710 B 13	0	0	0	DS 966	5ft	3ft	4ft	5ft (99)	*	
		107	MBC S 57	60	60	0	C. 6ft	0.5-7ft	0.5-7ft	0.8-8.5ft	0.5-10ft	46*	
		108	Mbe B 18	? 16	21 4ft	0	3.5ft	5ft	0.3-7.5ft	0.4-9ft	0.5-10ft	*	
		109	GW B 20	? 18	28	0	0.3-7.32	W. 1.5	W. 7.2ft	3.5ft	3ft		
		110	gnw B 10	0	0	0	DS 927 6"	6"	5"	6"	DS 1150A 6"		
		111	GP B 48	X M	0	0	DS 964T 0	DS 1027 0	DS 1076 0	0	DS 1157 0	Replanted 4-5-45 0-16	
		112	FP 455 53	65	90	0	0.6-8ft	0.7-10	0.7-11	0.9-13ft	1.1-13ft	*	
		113	H 455 22	26	52	0	6ft	0.4-8ft	0.7-9ft	0.7-11.5ft	0.9-11.5ft	*	
		114	FP 617 S 61	? 25 ylb	0.2-36	0	M ₂ 71	4ft	5.5ft 9.3ft	4.25ft	0.3-7.5ft	*	
		115	H 617 S 47	52	65	0	C. 7.5ft	1ft	0.7-8.5ft	0.6-10ft	0.9-16ft	1.0-11ft	*
		116	EO W 57	X	0	0	0	DS 1016A 0	DS 1079 0	0	DS 1142 0	Replanted 4-5-45 0-16	
		117	MBE B 16	16	25	0	3.5ft	4ft	4ft	5ft	5.5ft	*	
		118	Mbc S 18	25	42	0	M. 5ft	0.3-6ft	0.3-5.5ft	0.4-9ft	5.5ft	*	
		119	FP 616 S 69	? 61	41	0	5.5ft	0.4-7ft	0.4-8ft	0.6-9ft	0.9-10.5ft	comb. trees	
		120	M 616 S 34	36	55	0	C. 6ft	0.5-7ft	0.5-8.5ft	0.8-11ft	0.9-11.5ft	*	
		121	MBC S 43	52	69	0	C. 8ft	0.6-8.5ft	0.6-9.5ft	0.4-12ft	0.9-12.5ft	*	
		122	gn B 40	43	66	0	7ft	0.5-8ft	0.6-9ft	0.8-10ft	0.3-7.5ft	*	
		123	Mbe S 43	47	54	0	6.5ft	W. 2.2ft	W. 2.5ft	0.3-7ft	0.3-7.5ft	*	
		124	GW S 47	X	0	0	DS 957 0	DS 1016 0	DS 1064 4"	-	1ft		
		125	MBC B 24	32	66	0	7ft	0.5-8ft	0.4-9ft	0.5-9ft	0.6-9.5ft	Replanted 4-5-45 0-16	

EUGENE DIETZEN, NO. 45

Y Mont Alto Forest Pa

PA	D	7	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
116	RD	7	8	0	0	DS 1035	DS 1076	0	0	DS 1035	DS 1076	0	0	0	DS 963T	DS 1035	DS 1076	0	0	DS 1035	DS 1076
117	RD	X	5	0	0	DS 1035	DS 1076	0	0	DS 1035	DS 1076	0	0	0	DS 963T	DS 1035	DS 1076	0	0	DS 1035	DS 1076
118	RD	8	10	9	9	2ft	2ft	0	9	2ft	2ft	0	9	11	11	2ft	2ft	0	9	2ft	2ft
119	RD	7	9	16	16	2ft	2ft	0	16	2ft	2ft	0	16	11	12	2ft	2ft	0	16	2ft	2ft
120	RD	6	3	13	13	3ft	3ft	0	13	3ft	3ft	0	13	11	20	3ft	3ft	0	13	3ft	3ft
121	RD	8	8	11	11	3.5ft	3.5ft	0	11	3.5ft	3.5ft	0	11	22	22	3.5ft	3.5ft	0	11	3.5ft	3.5ft
122	RD	5	7	6	6	0	0	0	6	0	0	0	6	9	9	0	0	0	6	0	0
123	RD	6	8	8	8	2ft	2ft	0	8	2ft	2ft	0	8	15	15	2ft	2ft	0	8	2ft	2ft
124	RD	8	7	0	0	DS 1035	DS 1076	0	0	DS 1035	DS 1076	0	0	DS 966T	DS 1035	DS 1076	0	0	DS 1035	DS 1076	
125	BL	8	3	4	4	6ft	6ft	0	4	6ft	6ft	0	4	DS 966T	DS 1035	DS 1076	0	4	6ft	6ft	
126	BL	8	3	3	3	4ft	4ft	0	3	4ft	4ft	0	3	DS 966T	DS 1035	DS 1076	0	3	4ft	4ft	
127	BL	11	2	2	2	4ft	4ft	0	2	4ft	4ft	0	2	DS 966T	DS 1035	DS 1076	0	2	4ft	4ft	
128	BL	8	3	3	3	4ft	4ft	0	3	4ft	4ft	0	3	DS 966T	DS 1035	DS 1076	0	3	4ft	4ft	
129	BL	8	3	3	3	4ft	4ft	0	3	4ft	4ft	0	3	DS 966T	DS 1035	DS 1076	0	3	4ft	4ft	
130	BL	7	2	2	2	6ft	6ft	0	2	6ft	6ft	0	2	DS 966T	DS 1035	DS 1076	0	2	6ft	6ft	
131	BL	7	1	1	1	6ft	6ft	0	1	6ft	6ft	0	1	DS 966T	DS 1035	DS 1076	0	1	6ft	6ft	
132	BL	7	1	1	1	6ft	6ft	0	1	6ft	6ft	0	1	DS 966T	DS 1035	DS 1076	0	1	6ft	6ft	
133	BL	11	2	2	2	4ft	4ft	0	2	4ft	4ft	0	2	DS 966T	DS 1035	DS 1076	0	2	4ft	4ft	
134	BL	14	1	1	1	0.7-10ft	0.7-10ft	0	1	0.7-10ft	0.7-10ft	0	1	DS 966T	DS 1035	DS 1076	0	1	0.7-10ft	0.7-10ft	
135	WA	4	1	1	1	2ft	2ft	0	1	2ft	2ft	0	1	DS 966T	DS 1035	DS 1076	0	1	2ft	2ft	
136	WA	4	1	1	1	3ft	3ft	0	1	3ft	3ft	0	1	DS 966T	DS 1035	DS 1076	0	1	3ft	3ft	
137	WA	6	1	1	1	DS 1035	DS 1076	0	1	DS 1035	DS 1076	0	1	DS 966T	DS 1035	DS 1076	0	1	DS 1035	DS 1076	
138	WA	4	5	5	5	2.5ft	2.5ft	0	5	2.5ft	2.5ft	0	5	22	22	2.5ft	2.5ft	0	5	2.5ft	2.5ft
139	WA	6	7	13	13	2.5ft	2.5ft	0	13	2.5ft	2.5ft	0	13	22	22	2.5ft	2.5ft	0	13	2.5ft	2.5ft
140	WA	4	5	18	18	5ft	5ft	0	18	5ft	5ft	0	18	22	22	5ft	5ft	0	18	5ft	5ft
141	WA	6	9	19	19	5ft	5ft	0	19	5ft	5ft	0	19	22	22	5ft	5ft	0	19	5ft	5ft
142	WA	5	10	19	19	5ft	5ft	0	19	5ft	5ft	0	19	22	22	5ft	5ft	0	19	5ft	5ft
143	WA	6	8	14	14	3ft	3ft	0	14	3ft	3ft	0	14	27	27	3ft	3ft	0	14	3ft	3ft
144	WA	7	X	9	9	2ft	2ft	0	9	2ft	2ft	0	9	21	21	2ft	2ft	0	9	2ft	2ft

revised 4-5-51

ADP26		0	10/23/50	10/24-75	11/15/25	4ft	5ft
127	RO	5ft	0	X	2y 150-15-	0	
128	RO	0.2-5 *	0.2-5 *	0.5-7 1/2	0.9-9		
129	RO	0.3-6 *	0.2-5 1/2	0.5-8 0	0.8-8		
130	RO	0.7-7 1/2 *	0.2-7 1/2 *	0.9-10 1/2 *	1.0-12 1/2		
131	RO	0.7-7 1/2 *	0.5-8 1/2 *	1.1-13 0	1.4-13	1.4-13	
132	Hgh	2 1/2 ft	2ft	M 2 up 2ft	4ft	2ft	
133	RO	5ft	0.3-5 1/2 *	1.0-10	1.3-12	1.3-12 1/2	
134	FM1500	2 1/2 ft	W 1 2ft	M. 2 1/2	2 1/2 ft	4ft	
135	BL	0.4-7ft	0.4-8 *	0.9-13	1.1-13 1/2	4y 1.0-12	
136	FM1500 (acc)	8" f	R 3 9 8"	1.5	4y 12 1/2	W 2 3 1ft	
137	BL	0.8-8 1/2 *	? 0.6-6	Op 5ft			
138	BL	0.9-12 1/2 *	0.9-12 1/2 *	1.7-18 1/2 *	1.8-20 *		
139	BL	0.6-10 *	0.8-10 *	1.3-13	1.3-13	2.0-22	
140	BL	0.3-7 1/2	? 3 4 3 1/2	4y 2 4ft	2y 3	1.5-15	
141	BL	0.8-8 "	0.8-9 *	4y 3 Op 6	2y 5 1/2		
142	BL	1.2-13 1/2 *	1.3-14 1/2 *	1.4-20 *	4y 1.1.2.0 2 2	2.3.21	covered
143	WA	0.3-5 1/2 *	0.5-7 1/2 *	0.9-12 1/2	1.1-13 1/2	1.3-16	
144	WA	0.6-7 1/2 *	0.8-9 *	1.2-13 *	1.6-16	1.9-18	
145	O-16	3ft	4 *	5ft being	0.4-7 1/2 ft	M 2 4y 4ft	
146	WA	4ft	5 *	0.6-11	0.8-12	1.0-13	
147	WA	0.9-9 *	0.9-11 *	1.5-15 *	1.6-18	1.9-20	
148	WA	0.6-8 1/2	0.8-9 *	1.2-17 1/2 *	1.4-17 1/2	1.6-20	
149	WA	0.4-6ft	0.5-7 1/2 *	M. 0.6-9	0.6-9 1/2	0.8-9 1/2	
150	WA	4ft	5ft *	0.5-10	0.8-10	0.9-10	
		#	#	#	#	#	#

Office Memorandum • UNITED STATES GOVERNMENT

TO : Dr. J. D. Diller, Beltsville Experimental Forest, U. S. Forest Service, Beltsville, Md. DATE: Feb. 7, 1956

FROM : Frederick H. Berry, Fruit & Nut Crops, Plant Industry Station, Beltsville, Md.

SUBJECT: Hybrid Chestnut Trees Planted at Mont Alto, Pa.

According to our records the following chestnut hybrids planted on the Mont Alto Forest are now dead:

6637
6737
6837
6937
7137
7337
7437

At your convenience will you please check your records and let us know if any of the above are still alive. Otherwise we will place the cards for these hybrids in our DEAD file.

F. H. Berry

8 FEB 56