

Property Name: Coulson Young Douglas-fir Stand Plot radius: 26.3'		Cruisers: Jane Frazee, Teo Rautu	
Treatment number: 1, 2, 3		Acres: 6.0	Site Index:
Photo points: Stand Notes: forest health, observations, etc.		Site Class:	Date: 1/21/20
Plot #	Direction	Photo #	Much of this stand seemed to be strangled by honeysuckle causing deformation of the timber. There were also invasive species such as holly and Himalayan blackberry
			site 1: plots 1-8
			site 2: plots 9-16
			corners of site area are marked with white PVC pipe, orange paint, and pink flagging. The boundaries of the site are marked with pink flagging.
			plot 6: 1 DF seedling 2.5' tall
			plot 12: 1 DF seedling 2.0' tall
			plot 15: 3 DF seedlings, 5.0', 4.2', 3.8'
Abbreviations for understory species:			
SF	Sword Fern		
SAL	Salal		
OG	Oregon Grape		
HL	Holly		
VM	Vine Maple		
RA	Red Alder		
TBB	Trailing Blackberry		
HBB	Himalayan Blackberry		
BHR	Baldhip Rose		
EVH	Evergreen Huckleberry		

  

Plot Data						Plot Data					
Plot #	Latitude	Longitude	Aspect	Slope	Elevation	Plot #	Latitude	Longitude	Aspect	Slope	Elevation
1	46.5511053471	-122.8591946303	W	2	551	17	#####	-122.8605	N/A	0	
2	46.5510565060	-122.8586872260	SE	2	537	18	#####	-122.86	W	1	
3	46.5514762178	-122.8587594883	N	2	501	19	#####	-122.86	SW	1	
4	46.5514245333	-122.8591441667	W	2	513	20	#####	-122.8604	NW	1	
5	46.5517868568	-122.8592329827	NW	2	522	21	#####	-122.8605	W	1	
6	46.5517462604	-122.8588178662	NE	2	507	22	#####	-122.86	NE	1	
7	46.5520622163	-122.8587831651	N	2	499	23	#####	-122.86	E	1	
8	46.5521412576	-122.8592281603	NW	2	490	24	#####	-122.8604	N	1	
9	46.5507668191	-122.8604695463	N	2	539						
10	46.5507506667	-122.8599375667	W	2	462						
11	46.5510404616	-122.8599617966	N	2	521						
12	46.5510599711	-122.8604566973	SW	2	530						
13	46.5514441500	-122.8603971167	E	2	519						
14	46.5513815333	-122.8599315167	N	2	545						
15	46.5517762292	-122.8599940016	W	2	505						
16	46.5517055912	-122.8604146263	W	2	518						

  

Plot #	Tree #	Spp.	DBH	Total	Live	Defect	Snag?	Notes - wildlife use, disease, etc. at Coulson.	Understory:
<b>SITE 1</b>									
1	1	DF	6.2	50	40				
1	2	DF	7.6	46	35				
1	3	DF	4.8	36	20	5% - Scar, multi top			
1	4	DF	6.6	48	35				
1	5	DF	5.0	48	25				
1	6	DF	6.8	50	45	2% - crook			
1	7	DF	5.3	38	25				
1	8	DF	9.1	50	60				
1	9	DF	6.4	45	45				
1	10	DF	4.8	39	25			unknown disease	
1	11	DF	4.6	38	35				
1	12	DF	4.4	42	35				
1	13	DF	5.0	45	50	3% - sweep			
1	14	DF	6.0	50	50	3% - sweep			
1	15	DF	8.6	54	55				
1	16	DF	5.1	40	60				
1	17	DF	5.3	45	55	3% - crook, speed wobble			
1	18	DF	7.2	50	30	3% - crook, speed wobble			
1	19	DF	7.3	45	55			black pitching on bark, unknown disease	
1	20	DF	7.1	50	60				
1	21	DF	3.1	30	20				
1	22	DF	5.8	42	35				
1	23	DF	3.8	35	20	3% - sweep			
1	24	DF	7.5	52	65				
1	25	DF	6.0	42	35				
1	26	DF	5.2	40	35	5% - sweep			
1	27	DF	3.6	30	20	30% - broken top		strangled by ivy	
1	28	DF	4.6	30	30	10% - forked top		strangled by ivy	
1	29	DF	6.6	35	45			strangled by ivy	
1	30	DF	7.4	45	35				
1	31	DF	5.8	38	30				
2	1	DF	4.6	44	40				
2	2	DF	3.9	36	35				
2	3	DF	6.2	44	50				
2	4	DF	4.4	40	30				
2	5	DF	5.3	44	30				
2	6	DF	6.0	43	80				
2	7	DF	5.7	44	70			brown pitching, potential infection	
2	8	DF	5.7	45	55				
2	9	DF	5.4	43	40				
2	10	DF	5.6	39	30				

  

SITE 1				SITE 1			
Plot #	Spp.	% cover	Avg shrub layer height (FT)	Plot #	Spp.	% cover	Avg shrub layer height (FT)
1	SF	25	2	1	SF	<5	1
1	OG	<5	1	1	VM	20	8
1	VM	20	8	2	SF	20	2
1	SF	20	2	2	HL	5	2
1	HL	5	2	2	VM	15	8
1	VM	15	8	3	SF	15	3
1	SF	15	3	3	SAL	15	2
1	SAL	15	2	3	HBB	<5	10
1	HBB	<5	10	3	RA	30	15
1	RA	30	15	3	VM	5	15
1	VM	5	15	4	SF	60	2
1	SF	60	2	4	SAL	10	3
1	SAL	10	3	4	TBB	5	1
1	TBB	5	1	4	VM	20	8
1	VM	20	8	5	SF	25	3
1	SF	25	3	5	SAL	10	2
1	SAL	10	2	5	EVH	1	5
1	EVH	1	5	5	VM	5	8
1	VM	5	8	5	RA	3	10
1	RA	3	10	5	BHR	1	5
1	BHR	1	5	6	SF	10	3
1	SF	10	3	6	SAL	40	2
1	SAL	40	2	6	RA	25	12
1	RA	25	12	7	SAL	30	3
1	SAL	30	3	7	HL	<5	3
1	HL	<5	3	7	OG	5	2
1	OG	5	2	7	SF	<5	3
1	SF	<5	3	7	VM	15	8
1	VM	15	8	7	RA	10	10
1	RA	10	10	7	TBB	<5	3
1	TBB	<5	3	8	BHR	<5	5
1	BHR	<5	5	8	SAL	10	3
1	SAL	10	3	8	OG	<5	2
1	OG	<5	2	8	VM	15	8
1	VM	15	8	8	RA	10	10
1	RA	10	10				
SITE 2				SITE 2			
9	SF	10	3	9	SF	10	3
9	VM	40	15	9	VM	40	15
9	SAL	20	3	9	SAL	20	3

2	11	DF	6.8	45	50			9	RA	20	20
2	12	DF	4.7	40	35			10	HL	5	5
2	13	DF	5.2	40	35	3% - crook		10	SF	30	2
2	14	DF	7.8	43	45			10	TBB	<5	1
2	15	DF	6.9	51	50	10% - crook, speed wobble		10	SAL	5	2
2	16	DF	8.0	47	55		swelling branch nodes, unknown infection	10	VM	5	20
2	17	DF	4.0	44	45			10	RA	5	20
2	18	DF	4.7	45	35			11	SF	65	3
2	19	DF	3.9	38	40			11	SAL	<5	2
2	20	DF	4.8	40	45			11	RA	5	20
2	21	DF	14.8	62	30	5% - broken top	28 degree lean	11	VM	5	15
2	22	DF	3.4	23	55			12	SAL	40	3
2	23	DF	5.8	43	60			12	SF	50	3
2	24	DF	5.5	45	45			12	VM	25	15
2	25	DF	4.3	38	45			12	RA	25	15
2	26	DF	4.4	40	45			12	TBB	10	1
2	27	DF	4.0	38	35			13	SF	10	2
2	28	DF	6.0	54	30			13	VM	50	20
3	1	DF	6.4	40		stg 2		13	RA	20	15
3	2	DF	6.1	44	70			13	SAL	<5	2
3	3	DF	6.8	42	50			13	HBB	<5	20
3	4	DF	6.2	46	35	3% - sweep		14	SF	60	2
3	5	WH	8.9	50	60	5% - pistle butt		14	SAL	10	2
3	6	DF	5.2	45	40			14	TBB	5	1
3	7	DF	7.3	40	60			14	HBB	<5	8
3	8	DF	8.8	13		stg 3	wildlife use	14	RA	25	12
3	9	DF	6.5	50	40			15	VM	80	20
3	10	DF	4.2	25	30	5% - broken top		15	SF	25	2
3	11	DF	6.6	42	55			15	RA	40	25
3	12	DF	6.0	35	40			15	HBB	<5	10
3	13	DF	6.6	41	40			15	SAL	<5	1
3	14	DF	3.8	31	30			16	SAL	20	3
3	15	DF	5.8	40	50			16	VM	40	20
3	16	DF	7.1	45	80			16	RA	10	15
3	17	DF	5.7	45	75			16	SF	15	2
4	1	DF	5.7	30	70			16	HBB	<5	6
4	2	PP	6.5	28	35			<b>SITE 3</b>			
4	3	DF	3.0	25	40			17	VM	20	11
4	4	DF	7.1	43	90			17	RA	5	30
4	5	DF	4.5	31	70			17	SF	5	2
4	6	DF	6.8	45	80		strangled by ivy	17	SNB	<5	<1
4	7	DF	5.8	38	55			17	TBB	<5	<1
4	8	DF	5.4	38	40			17	TF	<5	<1
4	9	DF	5.9	41	50			17	CF	5	1
4	10	DF	5.6	38	40			17	SAL	<5	2
4	11	DF	4.8	38	35			17	BH	5	3
4	12	DF	5.7	45	40			17	TH	<5	1
4	13	DF	6.8	42	50			17	LF	Trace	2
4	14	DF	2.9	35	15			17	STFL	Trace	<1
4	15	DF	5.8	48	30			18	VM	40	10
4	16	DF	5.1	41	30	3% - broken top		18	SAL	5	2
4	17	DF	6.6	45	40			18	SF	5	2
4	18	DF	5.5	48	40			18	SNB	Trace	1
4	19	DF	5.8	45	45			18	BH	5	20
4	20	DF	5.1	32	75			18	IP	Trace	1
4	21	DF	4.0	43	70			18	BHR	Trace	2
4	22	DF	6.2	30	65	3% - crook		18	SVB	Trace	2
4	23	PP	9.4	40	60			18	BF	Trace	2
4	24	DF	2.5	25	40			19	SAL	10	3
4	25	DF	2.2	20	40		strangled by ivy	19	SNB	5	1
4	26	PP	8.2	42	50			19	VM	35	10
5	1	DF	6.2	41	55			19	TBB	Trace	<1
5	2	DF	4.9	42	45	3% - crook		19	SF	5	2
5	3	DF	6.8	50	60			19	OG	<5	3
5	4	DF	6.6	45	45			19	BH	5	18
5	5	DF	6.6	41	60		moderate pitching	19	BF	<5	2
5	6	DF	4.7	38	30			19	HL	Trace	3
5	7	DF	5.9	43	45			20	VM	60	15
5	8	DF	3.8	32	45	5% - multi top	strangled by ivy	20	SF	15	2

5	9	DF	5.9	41	50				20	SNB	10	2
5	10	DF	4.0	25	40			strangled by ivy	20	SAL	<5	2
5	11	DF	4.7	35	40				20	TBB	<5	<1
5	12	DF	5.1	41	60				21	BH	30	15
5	13	DF	4.5	35	25				21	OG	5	2
5	14	DF	6.3	40	40				21	SF	5	3
5	15	DF	3.9	33	40				21	SAL	10	2
5	16	DF	4.7	40	50				21	VM	55	20
5	17	DF	4.0	35	20				21	OS	Trace	3
5	18	BM	13.6	55	70				21	SVB	<5	2
5	19	BM	4.8	30	70				21	TBB	Trace	<1
5	20	BM	3.4	30	70				21	IP	Trace	3
5	21	BM	4.1	30	70				22	VM	40	15
5	22	BM	1.6	30	70				22	BH	15	10
5	23	BM	2.6	30	70				22	SAL	20	2
5	24	BM	1.9	30	70				22	IP	Trace	2
5	25	BM	3.6	30	70				22	DF	<5	3
5	26	BM	2.4	30	70				22	SNB	Trace	<1
5	27	BM	1.0	30	70				22	EVB	<5	8
5	28	DF	3.3	30	70				22	OS	<5	8
5	29	DF	3.6	28	45				23	VM	25	10
5	30	DF	3.0	15	15	5% - crook, speed wobble			23	SNB	5	2
5	31	DF	6.5	38	50				23	SF	5	2
5	32	DF	4.8	32	50				23	IP	Trace	3
5	33	DF	5.5	43	60				23	BH	5	10
5	34	DF	4.7	35	60				23	SAL	25	3
5	35	DF	4.1	35	50				23	IOF	Trace	1
5	36	DF	6.9	45	50				24	VM	70	20
6	1	DF	7.5	44	50	3% - sweep			24	SAL	5	2
6	2	DF	7.2	44	45				24	SF	5	2
6	3	DF	5.4	40	40				24	OS	<5	3
6	4	DF	5.8	49	50				24	HBB	Trace	10
6	5	DF	4.0	43	45							
6	6	DF	4.3	32	50							
6	7	DF	5.7	40	45							
6	8	DF	5.1	41	35							
6	9	DF	5.6	38	25	5% - crook						
6	10	DF	7.6	46	50							
6	11	DF	5.5	29	35	10% - multi top, spike						
6	12	DF	6.9	40	45	7% - spike		strangled by ivy				
6	13	DF	5.9	40	50							
6	14	DF	3.9	27	35			strangled by ivy				
6	15	DF	5.1	32	40	3% - forked top		strangled by ivy				
6	16	DF	5.6	37	40	5% - swelling on stem		strangled by ivy				
6	17	DF	5.2	20	30	5% - forked top						
6	18	DF	5.8	42	55	3% - crook						
6	19	DF	4.7	25	45	5% - multi top						
6	20	DF	6.5	43	65							
6	21	DF	6.5	40	50							
6	22	DF	6.5	40	40							
6	23	DF	4.3	35	45							
7	1	DF	7.6	50	45							
7	2	DF	6.0	45	45							
7	3	DF	6.2	42	40							
7	4	DF	6.2	42	40	4% - sweep						
7	5	DF	5.1	35	40							
7	6	DF	5.1	40	45							
7	7	DF	6.6	47	45							
7	8	DF	2.8	25	20	5% - sweep						
7	9	DF	6.6	40	50							
7	10	DF	4.7	43	40							
7	11	DF	6.1	44	50							
7	12	DF	4.6	38	5							
7	13	DF	5.9	40	60	3% - crook						
7	14	DF	5.1	32	45	3% - broken top		strangled by ivy				
7	15	DF	5.3	41	40			strangled by ivy				
7	16	DF	6.7	35	30	3% - broken top		strangled by ivy				
7	17	DF	6.2	47	45							
7	18	DF	5.6	42	40	3% - spike		strangled by ivy				

7	19	DF	4.5	38	40		strangled by ivy
7	20	DF	5.6	42	35		
7	21	DF	3.2	32	45		
7	22	DF	7.0	49	60		
7	23	DF	6.4	42	40		
7	24	DF	6.2	40	35		white pitching
7	25	DF	3.3	36	25		
7	26	DF	7.0	47	45		
7	27	DF	5.2	44	40		
8	1	DF	6.3	46	30	5% - crook	
8	2	DF	4.5	40	35		
8	3	DF	7.3	43	35		
8	4	DF	5.7	43	35	5% - crook	
8	5	DF	5.8	40	40	5% - spike	
8	6	DF	6.8	49	40		
8	7	DF	6.7	45	50		
8	8	DF	4.6	32	45		
8	9	DF	5.0	35	35	5% - spike	
8	10	DF	3.2	35	15		
8	11	DF	6.9	44	50		
8	12	DF	6.5	42	50		
8	13	DF	3.6	37	30		
8	14	DF	5.2	45	40	3% - crook	
8	15	DF	4.1	39	30		
8	16	DF	5.5	42	35		
8	17	DF	6.7	50	45		
8	18	DF	5.5	35	40		
8	19	DF	7.2	50	40		
8	20	DF	4.1	38	35		
8	21	DF	4.9	40	20	15% - spike, crook	
8	22	DF	3.7	35	20		
8	23	DF	5.3	41	30		
8	24	DF	7.1	50	40		
8	25	DF	3.8	35	25		
8	26	DF	5.8	45	40		
8	27	DF	5.1	45	30		
8	28	DF	4.5	38	25		
<b>SITE 2</b>							
9	1	DF	7.3	48	30		
9	2	DF	5.4	40	30		
9	3	DF	5.3	36	30	3% - crook, speed wobble	
9	4	DF	5.4	38	45		
9	5	DF	8.9	47	50	3% - crook, speed wobble	
9	6	DF	4.7	42	30		
9	7	DF	6.8	40	25		
9	8	DF	6.1	55	30		
9	9	DF	6.0	48	35		
9	10	DF	7.4	52	50		
9	11	DF	7.0	45	65		
9	12	DF	7.6	54	45	3% - crook	
9	13	DF	3.1	34	50		
9	14	DF	5.7	44	45		
9	15	RA	4.4	46	60	3% - crook	
9	16	DF	6.1	48	30		
9	17	DF	5.9	46	35		
9	18	DF	5.7	50	40		
9	19	DF	5.9	49	40		
9	20	DF	6.2	46	45		
9	21	DF	8.2	46	50	5% - crook, new leader	
9	22	DF	7.9	49	35		
9	23	DF	5.3	45	30		
9	24	DF	5.3	48	40	5% - crook in butt log	like a burl and found in other near by trees, unknd
9	25	DF	5.0	46	35		
9	26	DF	4.8	42	40	5% - sweep	
10	1	DF	4.6	38	30		
10	2	DF	4.5	33	35		like a burl and found in other near by trees, unknd
10	3	DF	5.5	37	55	5% - crook in butt log	
10	4	DF	5.6	43	45		
10	5	DF	5.9	50	30		

10	6	DF	5.8	42	50		
10	7	DF	7.4	44	45		
10	8	DF	6.1	46	50		
10	9	DF	6.3	44	45		
10	10	DF	6.5	49	50		
10	11	DF	5.1	39	35		
10	12	DF	4.1	32	30		
10	13	DF	5.5	40	55		
10	14	DF	5.9	36	40	5% - crook in butt log	like a burl and found in other near by trees, unkn
10	15	DF	5.3	43	60		
10	16	DF	7.0	46	50		
10	17	DF	5.3	46	60		
10	18	DF	6.3	51	45		
10	19	DF	4.6	46	60	5% - crook in butt log	like a burl and found in other near by trees, unkn
10	20	DF	5.7	52	40		
10	21	DF	6.3	43	35	5% - crook in butt log	like a burl and found in other near by trees, unkn
10	22	DF	5.6	50	25	3% - crook	
10	23	DF	4.8	52	40		
10	24	DF	4.6	46	30		
10	25	DF	6.3	50	40		strangled by ivy
10	26	DF	6.0	48	40		
10	27	DF	8.3	40	45	3% - broken top	
10	28	DF	3.3	30	30	10% - broken top	like a burl and found in other near by trees, unkn
10	29	DF	3.8	35	40	3% - multi top	
10	30	DF	5.9	40	45		
10	31	DF	6.1	54	50		
10	32	DF	5.5	49	40		
10	33	DF	5.3	48	40		
10	34	DF	4.8	45	35		
10	35	DF	4.5	41	40		
11	1	DF	5.4	45	40		
11	2	DF	7.1	48	55		
11	3	DF	5.3	43	45		strangled by ivy
11	4	DF	4.0	43	35		
11	5	DF	4.7	31	35	5% - broken top	
11	6	DF	6.6	40	50		strangled by ivy
11	7	DF	7.5	51	60		
11	8	DF	5.9	41	70		
11	9	DF	4.7	42	60		
11	10	DF	6.3	45	50		
11	11	DF	5.3	42	50		
11	12	DF	6.3	40	45		
11	13	DF	5.9	33	80		strangled by ivy
11	14	DF	3.9	33	50		
11	15	DF	7.3	48	75		
11	16	DF	6.2	41	45		
11	17	DF	4.7	41	35		
11	18	DF	5.2	45	40		
11	19	DF	4.7	42	40		
11	20	DF	6.7	44	50		
11	21	DF	6.6	46	50	5% - crook, speed wobble	
11	22	DF	5.4	40	25		
11	23	DF	5.3	38	30	3% - broken top	
11	24	DF	5.7	40	40		
11	25	DF	6.6	45	50		
11	26	DF	6.7	45	60		
11	27	DF	4.3	41	45		
11	28	DF	6.0	46	60		
11	29	DF	6.0	47	45		
12	1	DF	7	48	60		
12	2	DF	4.7	38	50	5% - sweep	
12	3	DF	5.2	34	60		
12	4	DF	3.2	29	40		
12	5	DF	4.1	44	30		
12	6	DF	4.2	38	40		
12	7	DF	6.6	46	60		
12	8	DF	5	28	30	5% - broken top	
12	9	DF	6	44	40		
12	10	DF	5.1	40	50		

12	11	GF	10.5	54	80	15% - scar,		pitching, very stressed from wildlife usage
12	12	BM	4.4	32	75			
12	13	DF	4.4	34	70			sparse canopy
12	14	DF	4.5	40	50			
12	15	DF	4.5	40	45			
12	16	DF	4.5	36	60			
12	17	DF	5.3	40	60			
12	18	DF	5.2	42	75			
13	1	DF	7.1	48	50			strangled by ivy
13	2	DF	4.8	45	50			
13	3	DF	6.4	43	60			
13	4	DF	7.4	42	45			
13	5	DF	4.5	36	35			
13	6	DF	4.6	44	35			
13	7	DF	5.4	46	40	15% - crook, speed wobble		
13	8	DF	5.4	43	40			
13	9	DF	5.6	44	40			
13	10	DF	6.7	47	45			
13	11	DF	6	48	50			
13	12	DF	6.2	50	45			
13	13	DF	4.1	36	35			
13	14	DF	5.3	36	40			
13	15	DF	5.2	36	45			
13	16	DF	4	38	45			strangled by ivy
13	17	DF	4.3	39	45			
13	18	DF	8.3	52	60			
13	19	DF	6.1	41	40			strangled by ivy
13	20	DF	4.4	28	30	10% - broken top, crook		
14	1	DF	2.7	23	45	5% - scar		odd scar, unknown disease
14	2	DF	3.1	25	55	10% - scar		odd scar, unknown disease
14	3	DF	3.5	33	90	5% - scar		odd scar, unknown disease
14	4	PP	6.3	35	60			
14	5	RC	3.8	24	90			
14	6	DF	5.4	41	50			
14	7	DF	7.3	48	55			
14	8	DF	6.1	48	45			
14	9	DF	5.9	39	60			
14	10	DF	5.8	45	45			
14	11	DF	3.9	33	30			
14	12	DF	5.8	38	40			
14	13	DF	4.8	44	35			
14	14	DF	5	44	50	5% - crook, speed wobble		
14	15	DF	4.2	43	45			
14	16	DF	5.1	43	45			
14	17	DF	6.1	44	55			
14	18	DF	7.3	43	55			
14	19	DF	2.9	32	40			
14	20	DF	3.2	32	35			strangled by ivy
14	21	DF	5.3	40	45			
14	22	DF	5.8	41	50			
14	23	DF	4.7	40	50			strangled by ivy
14	24	DF	3.2	10	10	5% - broken top		
14	25	DF	4.5	40	45			
14	26	DF	6	42	50			
14	27	DF	7.4	42	75			
14	28	DF	6.1	40	55			strangled by ivy
14	29	DF	6.3	45	65			
15	1	DF	4	35	25			
15	2	DF	5.4	38	50			
15	3	DF	5.5	41	60			
15	4	DF	6	38	60			strangled by ivy
15	5	DF	6.1	44	55			strangled by ivy
15	6	DF	3	32	45			
15	7	DF	2.6	30	45			
15	8	DF	5.5	43	40			mistletoe, strangled by ivy
15	9	DF	5.2	43	40			
15	10	DF	5	39	45			
15	11	DF	5.4	42	50			
15	12	RA	4.8	39	60			

15	13	DF	5.1	43	25		
15	14	RA	3.7	40	70		
15	15	RA	4.3	39	65		
15	16	RA	4.5	39	65		
15	17	RA	4.4	41	55		
15	18	DF	6.4	46	50		
15	19	RA	4.8	40	70		
15	20	RA	3.7	35	45		
15	21	RA	5.8	45	75		
15	22	RA	4	38	30	%5 - scar	
15	23	DF	4.9	38	40		
15	24	RA	3.6	33	80		
15	25	RA	2.3	30	80		
15	26	DF	5.9	49	35		
15	27	DF	3.2	33	30		
15	28	DF	6.8	47	50		
15	29	DF	7.9	47	75		
15	30	DF	4.7	35	50		
15	31	DF	3.4	31	40		
16	1	DF	5.8	40	55		
16	2	DF	6.8	38	60		
16	3	DF	6.3	42	80		
16	4	DF	6	41	65		
16	5	DF	3.8	34	45		
16	6	DF	4.4	39	60		
16	7	DF	6.4	41	55		
16	8	DF	4.7	35	50		
16	9	DF	4	39	40		
16	10	DF	5.5	36	55		
16	11	DF	5.4	40	60		
16	12	DF	5.6	44	55		
16	13	DF	4.6	39	60		
16	14	DF	4.8	39	40		
16	15	DF	5.3	40	45		
16	16	DF	7.2	47	50		
16	17	DF	4.7	47	40		
16	18	RA	5.9	37	35		
16	19	RA	3.3	30	75		
16	20	DF	3.6	37	45		
16	21	DF	4.5	39	40	10% - spike	
16	22	RA	3.3	30	80		
16	23	DF	6.4	41	45		
16	24	DF	5.7	41	40		
16	25	DF	7.1	48	75	5% - sweep	
16	26	DF	6.8	40	65		
<b>SITE 3</b>							
17	1	DF	7.5	44	80	5%	
17	2	DF	6	33	40	Forked top	
17	3	DF	6.1	43	40		
17	4	DF	6.6	44	65		
17	5	DF	6.9	42	40		
17	6	DF	5	45	40		
17	7	DF	6.3	43	50		
17	8	DF	5.9	36	60		
17	9	DF	5	46	20		
17	10	DF	5	35	15		
17	11	DF	5.6	37	15		
17	12	DF	6.1	48	45		
17	13	DF	5.7	46	50		
17	14	DF	5	30	30		
17	15	DF	7	43	25	Spike knot; 8ft	
17	16	DF	5.6	44	50		
17	17	DF	5.8	44	55		
17	18	DF	7.9	47	70		
17	19	DF	5.6	41	70		
17	1	DF	6.2	43			Base DBH: 7.7
17	2	DF	5.6	44			Base DBH: 7.2
17	3	RA	5	35			Base DBH: 6.3
17	4	RA	5	35			Base DBH: 5.9

17	5	RA	5	35			Base DBH: 6.2
17	6	DF	6.2	43			Base DBH: 7.7
18	1	DF	5.5	35	30	Suppressed	Girdled by honeysuckle
18	2	DF	5.4	42	40	Small sweeps	
18	3	DF	5.8	46	65		Girdled by honeysuckle
18	4	DF	5.4	35	50		
18	5	DF	5.5	42	60		
18	6	DF	6	43	40		Girdled by honeysuckle
18	7	DF	5.6	43	75		
18	8	DF	5.1	43	40		
18	9	DF	5.8	42	45		
18	10	DF	6	43	45		
18	11	DF	5	34	35		
18	12	DF	5.5	43	40		
18	13	DF	5.5	41	45		Girdled by honeysuckle
18	1	DF	6	47			
18	2	DF	5.1	42			
18	3	DF	5.1	42			
18	4	DF	5.4	42			Base DBH: 6.4
18	5	DF	5.4	42			
18	6	DF	6	47			
18	7	DF	5.1	42			
19	1	DF	7.5	48	70		
19	2	DF	5.4	40	50		
19	3	DF	7.6	46	60		
19	4	DF	6.1	41	60		
19	5	DF	5.8	41	50		
19	1	DF	7.5	42	55		
19	2	DF	5.5	42	50		
19	3	DF	6.2	39	50		
19	4	DF	7.3	48	55		
19	5	DF	5.1	42	45		
19	6	DF	5.5	36	80		
19	7	DF	5.9	43	60		
19	8	DF	6.1	34	50		Girdled by honeysuckle, yellowing canopy
19	1	DF	5.5	41			Base DBH: 7.0
19	2	DF	5.1	41			
19	3	DF	5.5	42			
19	4	DF	5.1	42			
20	1	DF	5.5	42	45		
20	2	DF	6.2	40	40		
20	3	DF	5.1	40	50		
20	4	DF	6	42	70		
20	5	DF	6.2	43	55	spike knot, 2%	
20	6	DF	6.7	47	55		
20	7	DF	5.3	41	35		Yellowing canopy
20	8	DF	6.5	45	75		
20	9	DF	6.4	42	80		
20	10	DF	5.9	46	45		
20	11	DF	6.2	43	85		Yellowing canopy
20	12	DF	5.1	41	75		
20	13	DF	5.8	38	60		
20	14	DF	6.6	45	65		
20	15	DF	5.9	45	55		
20	1	DF	5.5	42			Base DBH: 7.3
20	2	DF	5.3	41			Base DBH: 7.3
21	1	DF	5.9	42			
21	2	DF	5.8	44			
21	3	DF	5.6	43			
21	4	DF	5.4	43			
21	5	DF	5.3	43			
21	6	DF	6.3	38			
21	7	DF	5.5	43			
21	8	DF	5.8	47			
21	9	DF	5.5	42			
21	10	DF	5.6	38			
21	11	DF	5.9	42			
21	1	DF	5.2	41			Base DBH: 6.9
21	2	DF	5.5	43			Base DBH: 7.1



21	3	DF	5.5	43			Base DBH: 7.1
22	1	DF	6	41	80		
22	2	DF	7	44	50		
22	3	DF	7.7	44	50		
22	4	DF	6.8	43	60	Broken top with new leader	
22	5	DF	5	32		SNAG	Stage 2
22	6	DF	5.4	44	65		
22	7	DF	7.5	47	85		
22	8	DF	6.2	41	45	spike knot, 2%	
22	9	DF	6.1	44	55		
22	10	DF	6	43	75		
22	1	DF	5	41			
22	2	DF	5.8	45			
22	3	DF	5	41			
23	1	DF	5.8	45	70		
23	2	DF	6.7	38	45		
23	3	DF	7	40	65		
23	4	DF	6.3	43	55		
23	5	DF	6.7	45	60		
23	6	DF	5.7	37	45	3 ft sweep	
23	7	DF	7	47	45		
23	8	DF	6.2	47	35		
23	9	DF	5.3	44	60		
23	10	DF	6.4	40	60		
23	11	DF	5	36	45		
23	12	DF	5	41	70		
23	13	DF	6.3	46	60		
23	14	DF	6.1	47	55		
23	1	DF	5.4	43			Base DBH: 7.5
23	2	DF	5.2	41			Base DBH: 6.7
23	3	DF	6.5	45			Base DBH: 8.1
23	4	DF	6.4	44			Base DBH: 8.0
23	5	DF	5.3	42			Base DBH: 7.4
24	1	DF	6.4	46	46		
24	2	DF	5.5	44	60		
24	3	DF	5.4	39	50		
24	4	DF	5.2	43	50		
24	5	DF	5.3	42	30		
24	6	DF	5.7	46	35		
24	7	DF	5.3	42	45	2 ft sweep	
24	8	DF	5.6	40	45		
24	9	DF	6.1	45	35		
24	1	DF	6.5	45			Base DBH: 8.1
24	2	DF	5.6	44			Base DBH: 7.2
24	3	DF	5	38			Base DBH: 6.7
24	4	DF	6.7	47			Base DBH: 8.3