

## SARE Monitoring Plot Card

Property Name: Stillman Plots				Plot radius: 26.3'				Cruisers: Teo Rautu, Marcia Rosenquist					
Soil Type: Kapowsin Silt Loam				Site Index: 123'				Date: 6/17/2020					
Stand Notes: forest health, observations, etc.													
						Plot Data			GPS Points:				
						Plot #	Aspect	Slope	Plot #	Latitude	Longitude		
						1	W	25	1	47.1058280000	122.8211250000		
						2	W	17	2	47.1058280000	122.8207510000		
						3	W	18	3	47.1057520000	122.8203470000		
						4	N	5	4	47.1058330000	122.8199590000		
DF	Douglas-fir		IP	Indian Plum		OS	Oceanspray						
RC	Western redcedar		BH	Beaked Hazelnut		TF	Twin flower						
WH	Western hemlock		HBB	Himalayan Blackberry		IOF	Inside out Flower						
GF	Grand fir		TBB	Trailing Blackberry		LF	Lady's Fern						
SS	Sitka Spruce		SF	Sword Fern		STFL	Starflower						
WP	White pine		SAL	Salal		BHR	Baldhip Rose						
PP	Ponderosa Pine		OG	Oregon Grape		HL	Holly						
LP	Lodgepole Pine		LF	Lady Fern		BF	Bracken Fern						
RA	Red alder		VM	Vine Maple		CAS	Cascara						
BM	Bigleaf maple		RA	Red Alder		HNS	Honeysuckle						
CH	Bitter Cherry		SNB	Snowberry		NR	Nootka Rose						
WO	Willow		SVB	Serviceberry		THM	Thimbleberry						
CW	Cottonwood		EVH	Evergreen Huckleberry	NB		Ninebark						
Tree #	Stand #	Plot #	Spp.	DBH	Ht (ft.)	Live	Defect	Snag?	Notes - wildlife use, disease, etc. at Coulson.	Understory:			
										Plot #	Spp.	% cover	Avg shrub layer height (FT)
1	Bottom	1	DF	6.9	46	90							
2	Bottom	1	DF	6.7	45	55				1	SF	30	3
3	Bottom	1	DF	7.6	47	85				1	SNB	10	3
4	Bottom	1	DF	6.2	46	90				1	HBB	50	2
5	Bottom	1	DF	6.4	44	90				1	BF	<5	2
6	Bottom	1	DF	5.8	40	80			Suppressed	1	IP	Trace	1
7	Bottom	1	DF	6.8	37	70			Suppressed	1	HL	<5	4
8	Bottom	1	BM	17.7	79	80				1	BH	<5	8
9	Bottom	1	DF	7.1	40	90			Suppressed	1	THB	Trace	1
10	Bottom	1	DF	7.2	45	80				2	SF	40	3
11	Bottom	1	DF	5.7	40	50				2	HBB	35	1
12	Bottom	1	DF	6.6	29	85				2	BH	10	20
1	Bottom	2	DF	7.8	50	50				2	IP	<5	10
2	Bottom	2	DF	7.8	52	50				2	RH	<5	5
3	Bottom	2	DF	6.7	46	30	7 due to ramicorn			2	OS	5	5
4	Bottom	2	DF	5.5	29	70				2	THB	<5	3
5	Bottom	2	DF	7.5	48	60				3	SNB	10	2
6	Bottom	2	DF	9.6	50	60				3	SF	20	3
7	Bottom	2	DF	6.5	39	55				3	SB	Trace	1
8	Bottom	2	DF	8.2	47	60				3	HBB	30	<1
9	Bottom	2	DF	6	43	50				3	BF	Trace	2
10	Bottom	2	DF	6.7	28	25			Suppressed	4	TBB	10	1
11	Bottom	2	DF	20.6	80	50				4	HBB	5	1
12	Bottom	2	DF	7.4	42	30				4	RC	Trace	5
1	Bottom	3	RA	8.1	47	40				4	SF	<5	2
2	Bottom	3	RA	7.4	49	70				5	SNB	5	6
3	Bottom	3	DF	7.4	51	20				5	HNS	10	15
4	Bottom	3	DF	7.5	51	25			Black pitching, likely disease	5	HBB	5	5
5	Bottom	3	DF	9.8	46	30			Black pitching, likely disease	5	OS	<5	5
6	Bottom	3	DF	7.4	47	35			Sinuuous	4	TBB	<5	2
7	Bottom	3	DF	7.5	44	35				4	SAL	10	2
8	Bottom	3	DF	8.4	47	25				4	BH	10	10
9	Bottom	3	DF	8.3	50	35				4	VM	15	10
10	Bottom	3	DF	6.8	45	40				4	SF	15	3

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11	Bottom	3	RA	6.5	47	30				1	GSB	10	3
12	Bottom	3	RA	7.3	49	30				1	HBB	20	2
13	Bottom	3	DF	5	37	40				1	SF	70	3
1	Bottom	4	RA	7.9	57	20				1	IP	5	7
2	Bottom	4	RA	9.1	55	25				1	BF	<5	2
3	Bottom	4	DF	7.8	50	35				1	RH	<5	3
4	Bottom	4	DF	7.4	45	35	9 due to ramicorn			2	SF	55	3
5	Bottom	4	DF	9	42	25				2	HBB	30	2
6	Bottom	4	DF	7	40	20				2	THB	Trace	1
7	Bottom	4	DF	8.7	48	20				2	BH	<5	3
8	Bottom	4	DF	8.9	52	30				2	BF	Trace	1
9	Bottom	4	RA	7	41	20				3	SF	10	3
10	Bottom	4	DF	8.9	57	25				3	HBB	50	2
11	Bottom	4	DF	7.9	48	30				3	SNB	5	3
12	Bottom	4	RA	6.4	42	25				3	THM	<5	2
13	Bottom	4	RA	6.6	40	30				3	TBB	<5	1
14	Bottom	4	RA	5.9	53	30				3	Grass sp.	Trace	1
1	Top	1	BM	6.3	44	30		Part of same BM clump as Trees 2 and 3		4	SF	15	3
2	Top	1	BM	7.4	44	30		Part of same BM clump as Trees 1 and 3		4	BH	10	6
3	Top	1	BM	7	44	30		Part of same BM clump as Trees 1 and 2		4	HBB	20	2
4	Top	1	DF	18	80	45	Lean of 30 degrees			4	NB	<5	6
5	Top	1	DF	22.1	95	45	Sinuuous			4	HL	5	10
6	Top	1	BM	14.5	75	45				4	THM	10	2
1	Top	2	BM	20.2	66	60				Seedlings:			
2	Top	2	RC	19.2	47	70		Suppressed	Plot #	Spp.	Count	Height (ft)	
3	Top	2	DF	21.2	70	75		Yellowing Canopy	1	Big Leaf Maple	40	<6	
4	Top	2	RC	13	47	70		Woodpecker holes	1	Oregon Ash	2	<6	
5	Top	2	BM	21.1	61	45			1	Oak	2	<6	
6	Top	2	DF	5	26	20		Suppressed	1	Cherry	1	>6 (<5DBH)	
7	Top	2	BM	5.9	35	50			2	Big Leaf Maple	40	<6	
8	Top	2	BM	6	37	40			2	Grand Fir	2	>6 (<5DBH)	
9	Top	2	BM	8.6	37	40			2	Red Alder	8	>6 (<5DBH)	
10	Top	2	DF	5.8	44	35			2	Doug Fir	2	>6 (<5DBH)	
1	Top	3	BM	7.5	49	90		Part of same BM clump as Trees 2, 3, 4	3	Red Cedar	1	<6	
2	Top	3	BM	7.7	49	90		Part of same BM clump as Trees 1, 3, 4	3	Big Leaf Maple	28	<1	
3	Top	3	BM	7	49	90		Part of same BM clump as Trees 1, 2, 4	3	Doug Fir	8	>6 (<5DBH)	
4	Top	3	BM	5	49	90		Part of same BM clump as Trees 1, 2, 3	3	Red Alder	8	>6 (<5DBH)	
5	Top	3	RA	6.5	63	35			4	Red Cedar	1	<6	
6	Top	3	RA	6.5	62	40			4	Big Leaf Maple	20	>6 (<5DBH)	
7	Top	3	RA	6.4	52	50			1	Doug Fir	4	>6 (<5DBH)	
8	Top	3	DF	7	45	35			1	Big Leaf Maple	60	<6	
9	Top	3	DF	8.5	51	40			2	Big Leaf Maple	40	<6	
10	Top	3	OA	5.6	37	30		Ash Tree	2	Doug Fir	3	>6 (<5DBH)	
11	Top	3	DF	8.5	48	55	3 due to ramicorn		2	Red Cedar	1	>6 (<5DBH)	
12	Top	3	RA	6.9	47	40			3	Oregon Ash	50	<6	
13	Top	3	DF	17.5	63	65			3	Big Leaf Maple	50	<6	
14	Top	3	RA	6.5	54	20			3	Doug Fir	4	>6 (<5DBH)	
1	Top	4	RA	5.4	48	25			4	Big Leaf Maple	4	<6	
2	Top	4	DF	8.6	48	30			4	Oregon Ash	3	<6	
3	Top	4	RA	5.5	47	40							
4	Top	4	DF	8	48	50							
5	Top	4	DF	8.5	50	65							
6	Top	4	DF	6.5	47	40							
7	Top	4	DF	5.4	42	50							
8	Top	4	DF	8.8	46	60							

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9	Top	4	DF	9.4	53	40							
10	Top	4	RA	5	42	20							
11	Top	4	DF	6.2	49	40							
12	Top	4	DF	7.9	43	40							
13	Top	4	DF	8.2	47	40							
14	Top	4	DF	6.3	35	50							
15	Top	4	DF	5.5	47	30							
16	Top	4	DF	6.3	44	40							
17	Top	4	DF	9	54	55							
18	Top	4	DF	7.7	46	30	5, spike knots						
19	Top	4	DF	9.8	52	40							
20	Top	4	DF	7.9	51	30							