

Data Repository 1. X-ray diffraction analysis of soils, central White-Inyo Range

site	lith.	elev. (ft)	rock type	quar.	calcite	dolomite	primary feld:	primary clay	secondary cl.	amphibole	possibly	possibly
01d	BG	5,100	weathered	qtz			anorthite/albite	illite (tri)		amph	mont	
02b	BG	5,285	barcroft gd (dark, shear)	qtz			albite	illite (tri)				
03b	BG	4,942	barcroft gd (dark); dk qt	qtz			anorthite	illite (tri)			mont-14	halloysite
04a	WA	5,052	wyman arg. (calc)	qtz	calcite		anorthite	illite (2m)			mont-14	
05a	WA	5,115	wyman arg.; desert varn	qtz			anorthite	illite (tri)				
06a	WA	7,880	wyman arg.; qtzite	qtz	calcite		albite/anorthite	illite (2m)		amph	mont-15	
07a	RD	7,680	reed dolomite	qtz	calcite	dolomite	albite	illite (2m)	illite (2m)	amph		
08a	MA	6,200	montenegro arg.	qtz	calcite		albite	illite (tri)			halloysite	
09b	AMC	6,260	A.mtn. qtzite	qtz			albite	illite (2m)		amph	mont-14	
10a	PL	5,085	poleta ls/campito gravel	-	-	-	-	-	-	-	-	-
11a	PL	7,420	poleta ls	qtz	calcite		albite	illite (2m)		amph	mont-15	
12a	MA	7,525	montenegro arg.	qtz			albite	illite (2m)		amph	mont-14	
13b	AMC	7,245	A.mtn. qtzite	qtz			albite	illite (2m)	mont	amph		
14a	AMC	6,960	A.mtn. qtzite (oxidized)	qtz			albite	illite (tri)		amph	mont	
15a	AMC	8,168	A.mtn. qtzite	qtz			albite	illite (tri)	phlogopite?	amph	mont	
16a	AMC	10,130	A.mtn. qtzite (dark)	qtz			albite	illite (2m)	halloysite?	amph		
17a	BG	10,680	barcroft gd (fine grn, gr)	qtz			anorthite	illite (2m)		amph		
18a	WA	6,090	wyman arg.; interbedded	qtz	calcite		albite	illite (2m)				
19a	DSQ	7,050	deep spring qtzite	qtz			albite	illite (2m)	mont	amph	chlorite?	
20b	AMC	4,340	A.mtn. qtzite (black)	qtz			albite	illite (2m)	mont	amph	chlorite?	
21a	DSL	10,645	deep spring ls; buff qtzite	qtz	calcite	dolomite		illite (2m)	mont			
22a	RD	10,465	reed dolomite	qtz		dolomite	albite	illite (2m)			stilbite?	
23a	DS	10,055	deep spring pavement	qtz			albite	illite (tri)		amph		
24a	MA	10,400	montenegro arg.	qtz			albite	illite (2m)		amph		
25a	DSQ	10,450	deep spring qtzite (orange)	qtz			anorthite	illite (2m)		amph		
26a	AMC	10,475	A.mtn. qtzite (black; float)	qtz				illite (2m)/(tri)		amph	mont	kaolinite
27a	PL	10,600	poleta ls (blue)	qtz			albite	illite (2m)		amph		
28a	AMC	10,920	A.mtn. qtzite (black)	qtz			albite	illite (2m)		amph		
29a	MA	10,885	montenegro arg.	qtz	calcite		albite	illite (2m)		amph		
30a	AM	10,440	A.mtn./deep spring float	qtz			albite/anorthite	illite (2m)		amph		
31a	BG	13,040	barcroft gd (dk)	qtz			albite/anorthite	illite (tri)				
32a	BG	12,640	barcroft gd (dk)+aplite c	qtz			anorthite	illite (2m)				
33a	BG	12,595	barcroft gd (dk)	qtz			albite	illite (tri)	halloysite			
34a	AMC	11,705	A.mtn. qtzite	qtz			albite/anorthite	illite (2m)		amph		
35a	WAI	8,670	wyman arg. (calc); reed	qtz	calcite	dolomite	albite	illite (2m)		amph		
36a	WA	8,680	wyman arg. (spotted)	qtz			albite	illite (tri)			mont	
37a	WA	9,240	wyman arg. (float)	qtz			anorthite/albite	illite (1m)			phlogopite	
38a	RD	10,320	reed dolomite	qtz		dolomite	anorthite	illite				
39a	DSQ	10,325	deep spring qtzite (orange)	qtz	calcite	dolomite	anorthite	illite				
40a	RD	11,290	reed dolomite + diabase	qtz		dolomite	anorthite	illite			mont	vermiculite
41a	RD	11,800	reed dolomite	qtz		dolomite	albite	illite (tri)	mont			
42a	AMC	12,145	A.mtn. qtzite	qtz			albite/anorthite	illite (tri)	mont	amph		
43a	WA	10,160	wyman arg.	qtz			albite/anorthite	illite (2m)		amph		
44a	SHG	10,420	sage hen flat gd	qtz			albite	illite (2m)		amph	mont	

Wyman argillite	40	3	8	9	6	4	5	10.71	13.09	35	1	2	5	2	2	12	8.43	12.31	27	0	3	10	3	3	8	7.71	9.16	33	1	3	11	5	4	7	9.14	10.99
Wyman pavement	9	37	44	45	52	37	42	38.90	13.78	14	34	51	36	51	35	38	37.00	12.49	19	37	47	35	46	37	32	36.14	9.39	15	48	51	35	56	40	45	41.43	13.55
soil	14	19	11	13	14	23	23	16.71	4.92	15	22	12	22	19	22	22	19.14	4.10	17	18	16	21	18	21	27	19.71	3.73	16	13	10	15	13	18	20	15.00	3.37
TOTAL NONVEG	63	59	63	67	72	64	70	65.43	31.79	64	57	65	63	72	59	72	64.57	28.90	63	55	66	66	67	61	67	63.57	22.28	64	62	64	61	74	62	72	65.57	27.91
TOTAL	100	101	100	100	100	101	100	100.29		100	100	100	100	100	101	100	100.14		100	100	100	100	100	102	100	100.29		100	100	100	100	100	98	100	99.71	
Site 44	Quadrant A								Quadrant B								Quadrant C								Quadrant D											
	G	R	K	A	S	J	Ri	AVE	STDEV	G	R	K	A	S	J	Ri	AVE	STDEV	G	R	K	A	S	J	Ri	AVE	STDEV	G	R	K	A	S	J	Ri	AVE	STDEV
Artemesia	21	21	19	19	25	18	18	20.14	2.48	20	18	19	20	23	16	18	19.14	2.19	17	15	15	17	20	17	20	17.29	2.06	15	16	18	15	19	16	15	16.29	1.60
Chrysothamnus #1	1	1	2	2	3	2	1	1.71	0.76	3	2	3	3	4	3	2	2.86	0.69	4	3	2	3	5	5	4	3.71	1.11	4	4	4	5	4	4	5	4.29	0.49
Leptodactylon pungens	7	2	5	4	4	2	4	4.00	1.73	4	2	4	2	3	4	1	2.86	1.21	5	3	6	2	2	3	3	3.43	1.51	2	6	4	3	2	3	3	3.29	1.38
bunch grass	1	0	0	1	2	2	1	1.00	0.82	2	0	0	0	1	2	0	0.71	0.95	1	0	0	2	1	1	1	0.86	0.69	1	2	0	1	1	1	0	0.86	0.69
Arenaria Kingii	0	2	1	1	1	1	2	1.14	0.69	0	3	3	3	2	2	3	2.29	1.11	0	5	3	2	2	0	2	2.00	1.73	0	2	2	1	1	1	3	1.43	0.98
Lupinus sp. (dwarf)	3	3	3	2	2	3	3	2.71	0.49	4	1	1	1	1	1	1	1.43	1.13	4	1	1	1	1	3	1	1.71	1.25	2	1	0	0	1	2	1	1.00	0.82
Eriogonum sp. (nonsucculent)	1	1	2	1	2	3	3	1.86	0.90	0	1	1	1	2	2	2	1.29	0.76	1	1	2	2	2	2	1	1.57	0.53	1	0	3	1	3	4	3	2.14	1.46
Trifolium	1	4	2	2	0	2	2	1.86	1.21	1	0	0	0	0	1	1	0.43	0.53	1	0	0	0	0	0	1	0.29	0.49	2	7	3	2	1	2	3	2.86	1.95
TOTAL VEG	35	34	34	32	39	33	34	34.43	2.23	34	27	31	30	36	31	28	31.00	3.16	33	28	29	29	33	31	33	30.86	2.19	27	38	34	28	32	33	33	32.14	3.72
Sage Hen Flat granodiorite	2	0	1	0	1	0	1	0.71	0.76	1	1	2	2	2	3	3	2.00	0.82	10	7	9	5	6	8	6	7.29	1.80	11	7	12	6	5	10	5	8.29	2.81
Sage Hen Flat pavement	47	53	45	48	40	49	45	46.71	4.03	50	55	43	48	40	46	44	46.57	4.96	43	50	45	47	38	44	41	44.00	3.92	50	40	35	46	42	38	41	41.71	4.99
soil	16	13	20	20	20	21	20	18.57	1.94	15	16	21	20	22	20	24	19.71	3.20	14	15	17	19	23	17	20	17.86	3.06	12	15	21	18	21	19	21	18.14	3.48
TOTAL NONVEG	65	66	66	68	61	70	66	66.00	7.72	66	72	66	70	64	69	71	68.29	8.98	67	72	71	71	67	69	67	69.14	8.79	73	62	68	72	68	67	67	68.14	11.29
TOTAL	100	100	100	100	100	103	100	100.43		100	99	97	100	100	100	99	99.29		100	100	100	100	100	100	100	100.00		100	100	102	100	100	100	100	100.29	

Pinus longaeva (Bristlecone)	0	0	0	0	0	0	0	0.00	0.00	2	2	2	1	2	2	1.83	0.41	10	8	12	10	11	10	10.17	1.33	0	0	0	0	0	0	0.00	0.00								
grass	1	0	2	0	1	1	0.83	0.75	0	2	2	2	2	2	1.67	0.82	0	1	0	1	2	1	0.83	0.75	1	0	1	2	1	1	1.00	0.63	1.08								
Chrysothamnus	1	1	1	1	0	1	0.83	0.41	0	1	0	0	1	1	0.50	0.55	1	0	1	1	1	1	0.83	0.41	1	3	2	2	2	2	2.00	0.63									
Potentilla pensylvania	2	2	3	5	3	3	3.00	1.10	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	1	0	2	1	1	0.83	0.75									
TOTAL VEG	10	17	20	22	14	16	16.50	4.28	13	21	22	18	18	19	18.50	3.15	15	14	23	18	21	19	18.33	3.44	9	16	21	15	14	15	15.00	3.85									
Granite	6	13	8	12	8	10	9.50	2.66	9	16	7	17	9	12	11.67	4.08	29	25	26	42	14	18	25.67	9.73	23	20	18	45	14	17	22.83	11.27									
Grus	84	70	72	66	78	74	74.00	6.32	78	63	71	65	73	69	69.83	5.46	56	61	51	40	65	63	56.00	9.34	68	64	61	40	72	68	62.17	11.50									
TOTAL NONVEG	90	83	80	78	86	84	83.50	4.28	87	79	78	82	82	81	81.50	3.15	85	86	77	82	79	81	81.67	3.44	91	84	79	85	86	85	85.00	3.85									
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>									
Site 57	Quadrant A										Quadrant B										Quadrant C										Quadrant D										
	A	G	J	K	KN	M	S	R	AVE	STDEV	A	G	J	K	KN	M	S	R	AVE	STDEV	A	G	J	K	KN	M	S	R	AVE	STDEV	A	G	J	K	KN	M	S	R	AVE	STDEV	
Pinus longaeva (Bristlecone)	5	6	5	5	5	4	5.00	0.63	23	13	15	21	25	15	18.67	4.97	22	16	23	19	21	19	20.00	2.53	12	12	12	12	12	10	11.67	0.82	1.63								
grass	7	2	0	1	2	3	2.50	2.43	2	2	2	2	5	2	2.50	1.22	1	1	1	0	1	2	1.00	0.63	0	0	0	0	2	1	0.50	0.84									
ground cover	9	5	10	15	8	10	9.50	3.27	3	7	5	6	7	6	5.67	1.51	1	2	0	2	3	2	1.67	1.03	2	2	6	4	3	5	3.67	1.63									
Chrysothamnus	1	3	2	1	2	2	1.83	0.75	2	3	2	2	2	3	2.33	0.52	0	2	0	0	0	0	0.33	0.82	1	4	4	1	2	5	2.83	1.72									
dead wood	3	8	2	6	3	3	4.17	2.32	2	4	1	4	3	3	2.83	1.17	5	6	3	2	5	2	3.83	1.72	6	6	5	7	8	6	6.33	1.03									
TOTAL VEG	25	24	18	28	20	22	22.83	3.60	32	29	25	35	42	29	32.00	5.93	29	27	27	23	30	25	26.83	2.56	21	24	27	24	27	27	25.00	2.45									
Reed Dolomite	13	35	39	23	25	10	24.17	11.53	2	31	8	11	8	9	11.50	10.01	3	15	14	9	7	6	9.00	4.69	7	33	33	7	27	10	19.50	12.83									
Pavement	37	26	21	30	35	39	31.33	6.95	59	29	60	47	41	48	47.33	11.60	56	41	45	54	40	49	47.50	6.66	53	24	22	50	38	38	37.50	12.80									
soil	25	15	22	19	20	29	21.67	4.89	7	11	7	7	9	14	9.17	2.86	12	17	14	14	23	20	16.67	4.18	19	19	18	19	8	25	18.00	5.51									
TOTAL NONVEG	75	76	82	72	80	78	77.17	3.60	68	71	75	65	58	71	68.00	5.93	71	73	73	77	70	75	73.17	2.56	79	76	73	76	73	73	75.00	2.45									
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>									

Site 4'											Site 5'											Site 6'										
B	G	JD	JN	L	M	S	AVE	STDEV	B	G	JD	JN	L	M	S	AVE	STDEV	B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE					
Menadora spinesce	2	1	3	2	3	2	4	2.43	0.98	2	5	1	4	2	2	3	2.71	1.38	1	2	4	1	0	1	2	1.571	1.27	2.25				
Shadscale	3	6	5	5	4	6	5	4.86	1.07	3	5	4	4	3	5	4	4.00	0.82	2	4	3	5	2	4	2	3.143	1.21	4.00				
Ephedra sp.	2	7	2	4	2	2	3	3.14	1.86	3	4	3	5	1	5	5	3.71	1.50	2	6	5	3	2	6	6	4.286	1.89	3.75				
Artemisia sp.	1	1	3	1	3	4	1	2.00	1.29	1	1	1	0	2	3	1	1.29	0.95	1	1	2	1	2	2	0	1.286	0.76	1.71				
Chrysothamnus v.	1	2	3	2	3	6	3	2.86	1.57	2	3	1	0	4	6	1	2.43	2.07	2	2	3	1	3	7	2	2.857	1.95	2.75				
Grayia	2	2	1	1	3	4	1	2.00	1.15	2	1	1	1	2	2	1	1.43	0.53	1	1	3	0	1	2	0	1.143	1.07	1.46				
Desert Alyssum	1	1	0	1	1	1	2	1.00	0.58	1	2	0	0	1	1	1	0.86	0.69	1	1	1	1	2	2	1	1.286	0.49	1.04				
Mojave Aster	0	0	0	0	1	0	1	0.29	0.49	0	0	0	0	1	0	0	0.14	0.38	0	1	1	0	2	1	1	0.857	0.69	0.64				
Carocarpus	2	0	2	1	1	3	2	1.57	0.98	2	1	3	3	2	5	2	2.57	1.27	1	2	0	1	1	4	1	1.429	1.27	1.50				
Psorothamnus	1	5	4	3	2	4	2	3.00	1.41	2	4	3	2	2	4	1	2.57	1.13	2	5	2	3	3	3	1	2.714	1.25	2.68				
Tetradymia longisp	1	2	6	2	3	2	2	2.57	1.62	2	0	1	1	1	3	1	1.29	0.95	1	1	0	0	1	1	2	0.857	0.69	1.32				
TOTAL VEG	16	27	29	22	26	34	26	25.71	5.62	20	26	18	20	21	36	20	23.00	6.24	14	26	24	16	19	33	18	21.43	6.63	23.11				
total veg+nonveg	100	100	100	100	100	100	100	100	100	101	100	100	100	100	100	100	100.1	100	100	98	99	100	100	100	100	99.57	100	99.89				
PBR: barrel cactus, Chrysothamnus ?, K. lanata											PBR: grass, grayia, desert trumpet, mojave aster											PBR: desert paintbrush, barrel cactus, prickly pear cactus										
Wyman argillite	2	2	2	2	2	2	2	2.00	0.00	1	0	4	0	1	1	0	1.00	1.41	0	1	2	1	0	0	1	0.714	0.76	1.32				
Wyman Limestone	0	0	0	0	0	0	0	0.00	0.00	0	1	0	0	0	0	0	0.14	0.38	3	2	1	2	4	5	1	2.571	1.51	0.68				
Wyman pavement	38	34	38	48	33	34	52	39.57	7.48	39	36	38	50	34	34	50	40.14	6.99	41	35	30	58	42	34	55	42.14	10.67	40.68				
soil	44	37	31	28	39	30	20	32.71	7.95	41	37	40	30	44	29	30	35.86	6.15	42	36	41	22	35	28	25	32.71	7.83	34.11				
TOTAL NONVEG	84	73	71	78	74	66	74	74.29	5.62	81	74	82	80	79	64	80	77.14	6.34	86	74	74	83	81	67	82	78.14	6.67	76.79				
total veg-n	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.86	99.89				
Wyman Float	2	1	0	0	0	0	0	0.43	0.79	1	2	0	1	1	0	0	0.71	0.76	1	0	0	0	1	0	0	0.286	0.49	0.43				
Reed Dolomite Floz	1	0	0	0	0	0	0	0.14	0.38	1	1	0	0	0	0	0	0.29	0.49	1	0	0	0	0	0	0	0.143	0.38	0.14				
Pavement	32	32	30	39	33	39	40	35.00	4.16	30	29	25	45	28	30	35	31.71	6.58	40	30	45	45	25	35	44	37.71	7.95	35.21				
soil	39	45	50	30	36	30	37	38.14	7.38	43	42	55	18	36	35	44	39.00	11.34	30	46	33	22	44	35	40	35.71	8.38	37.25				
TOTAL NONVEG	74	78	80	69	69	69	77	73.71	4.75	75	74	80	64	65	65	79	71.71	6.92	72	76	78	67	70	70	84	73.86	5.84	73.04				
total veg-n	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.714	99.93				
Artemisia	9	17	16	29	15	15	14	16.43	6.11	9	26	15	21	14	16	20	17.29	5.53	10	26	20	33	19	18	12	19.71	7.89	18.32				
Ephedra	3	3	1	0	2	1	3	1.86	1.21	4	5	2	1	3	2	2	2.71	1.38	3	2	1	1	3	2	5	2.429	1.40	2.14				
Chrysothamnus v.	4	8	8	2	8	6	6	6.00	2.31	3	6	4	2	5	4	5	4.14	1.35	3	5	3	1	4	2	4	3.143	1.35	4.18				
Grass	2	1	2	1	2	3	2	1.86	0.69	3	1	1	2	1	2	1	1.57	0.79	2	1	2	1	2	1	2	1.571	0.53	1.61				
Buckwheat	1	0	0	0	0	0	1	0.29	0.49	1	0	0	0	0	0	0	0.14	0.38	1	0	1	0	0	0	0	0.286	0.49	0.18				
Juniper	0	0	0	0	0	0	0	0.00	0.00	1	1	1	1	1	1	1	1.00	0.00	0	0	0	0	0	0	0	0	0.00	0.00	0.25			
Gold buttons	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0.00	0.00	1	1	0	0	0	1	0	0.429	0.53	0.21				
TOTAL VEG	19	29	27	32	27	25	26	26.43	3.99	21	39	23	27	24	25	29	26.86	5.96	20	35	27	36	28	24	23	27.57	6.02	26.89				
Wyman argillite	35	13	10	10	7	11	14	14.29	9.41	38	16	15	13	5	12	9	15.43	10.63	38	9	6	7	7	9	5	11.57	11.75	12.36				
Wyman pavement	41	51	43	48	62	49	50	49.14	6.77	38	43	45	46	69	56	52	49.86	10.29	38	50	53	47	60	57	62	52.43	8.30	51.82				
soil	5	7	20	10	4	15	10	10.14	5.70	3	2	17	14	2	7	10	7.86	6.04	4	6	14	10	5	10	10	8.429	3.55	8.89				
TOTAL NONVEG	81	71	73	68	73	75	74	73.57	3.99	79	61	77	73	76	75	71	73.14	5.96	80	65	73	64	72	76	77	72.43	6.02	73.07				
total veg-n	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.857	99.96				

Site 7'																																								
B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE	
Pinyon	4	9	6	8	5	4	9	6.43	2.23	5	10	6	10	6	8	7	7.43	1.99		8	12	7	13	7	10	7	9.143	2.54		6	10	8	9	6	6	5	7.14	1.86	7.54	
Juniper	6	10	6	7	9	8	9	7.86	1.57	7	15	7	8	5	9	8	8.43	3.15		10	8	7	9	5	12	6	8.143	2.41		7	10	10	6	4	9	3	7.00	2.83	7.86	
Artemisia	2	5	3	3	2	3	4	3.14	1.07	2	7	3	2	2	4	3	3.29	1.80		2	5	3	2	3	2	3	2.857	1.07		2	4	3	2	1	1	1	5	2.57	1.51	2.96
Ephedra	1	0	1	1	1	0	0	0.57	0.53	1	1	0	0	0	0	0	0.29	0.49		0	1	1	1	1	0	0	0.571	0.53		1	0	0	0	0	0	0	0.14	0.38	0.39	
Chrysothamnus v.	1	0	1	0	1	1	1	0.71	0.49	1	0	1	0	0	0	1	0.43	0.53		1	1	1	0	0	0	1	0.571	0.53		1	1	0	0	1	0	1	0.57	0.53	0.57	
Prickly Phlox	2	1	1	0	1	1	1	1.00	0.58	1	0	0	0	0	0	0	0.14	0.38		1	1	0	1	1	0	1	0.714	0.49		2	1	1	1	1	1	2	1.29	0.49	0.79	
Arinaria	1	0	0	0	0	0	0	0.14	0.38	1	0	0	1	0	0	1	0.43	0.53		1	1	1	0	1	1	0	0.714	0.49		1	0	0	1	0	0	1	0.43	0.53	0.43	
Dead Wood	2	1	2	2	3	1	3	2.00	0.82	2	1	3	2	1	2	2	1.86	0.69		2	1	2	2	3	1	1	1.714	0.76		1	1	0	0	1	0	2	0.71	0.76	1.57	
TOTAL VEG	19	26	20	21	22	18	27	21.86	3.44	20	34	20	23	14	23	22	22.29	6.02		25	30	22	28	21	26	19	24.43	3.95		21	27	22	19	14	17	19	19.86	4.10	22.11	
Reed dolomite	4	5	1	4	3	7	5	4.14	1.86	5	7	5	6	10	18	1	7.43	5.38		5	5	4	2	4	6	1	3.857	1.77		3	3	5	1	2	4	2	2.86	1.35	4.57	
Reed pavement	31	35	35	40	36	30	35	34.57	3.31	30	28	25	45	39	27	40	33.43	7.76		29	36	24	38	30	24	40	31.57	6.53		36	40	35	40	34	24	50	37.00	7.85	34.14	
soil	46	34	44	45	39	45	32	40.71	5.77	45	31	50	33	37	32	41	38.43	7.21		41	29	50	32	45	44	41	40.29	7.39		40	30	38	40	50	55	29	40.29	9.57	39.93	
TOTAL NONVEG	81	74	80	89	78	82	72	79.43	5.59	80	66	80	84	86	77	82	79.29	6.55		75	70	78	72	79	74	82	75.71	4.19		79	73	78	81	86	83	81	80.14	4.10	78.64	
total veg-n	100	100	100	110	100	99	101.29			100	100	100	107	100	100	104	101.57			100	100	100	100	100	100	101	100.14			100	100	100	100	100	100	100	100		100.75	
PBR: Symphoricarpos, grass																																								
Site 8'																																								
B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE	
Grayia spinosa	6	4	8	8	6	5	4	5.86	1.68	9	6	11	14	14	13	13	11.43	2.99		7	9	10	13	13	13	10	10.71	2.36		5	10	5	7	6	7	4	6.29	1.98	8.57	
Ephedra sp.	12	19	17	18	18	27	20	18.71	4.46	13	20	19	16	17	23	17	17.86	3.18		11	25	18	15	21	19	17	18	4.43		11	20	20	12	19	19	19	17.14	3.89	17.93	
saltbrush	6	12	9	18	9	15	10	11.29	4.07	5	20	7	6	7	8	6	8.43	5.19		5	11	4	5	5	6	3	5.571	2.57		6	17	8	9	13	16	11	11.43	4.12	9.18	
Menadora s.	3	5	5	5	6	5	4	4.71	0.95	4	3	5	5	6	8	4	5.00	1.63		4	3	6	5	7	11	3	5.571	2.82		3	6	4	6	5	9	3	5.14	2.12	5.11	
Chrysothamnus t.	4	6	5	5	4	7	3	4.86	1.35	0	0	0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0	0.00	0.00		4	5	4	6	5	10	6	5.71	2.06	2.64	
Tetradymia l.	1	1	2	2	2	3	2	1.86	0.69	0	0	0	0	0	0	0	0.00	0.00		0	0	1	0	1	1	1	0.571	0.53		0	0	1	1	1	1	0	0.57	0.53	0.75	
Chrysothamnus n.	1	2	3	3	4	2	3	2.57	0.98	0	0	0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0	0.00	0.00		1	0	2	1	0	0	2	0.86	0.90	0.86	
willow	1	1	2	2	2	1	1	1.43	0.53	0	0	0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0	0.00	0.00		2	2	1	4	3	1	2	2.14	1.07	0.89	
Caulanthus	1	1	1	1	1	1	1	1.00	0.00	0	0	0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0	0.00	0.00		1	1	1	1	0	1	1	0.86	0.38	0.46	
grass	2	2	3	3	2	2	3	2.43	0.53	1	1	1	1	0	1	1	0.86	0.38		0	3	1	0	0	2	0	0.857	1.21		2	0	4	6	1	5	2	2.86	2.19	1.75	
TOTAL VEG	37	53	55	65	54	68	51	54.71	10.11	32	50	43	42	44	53	41	43.57	6.75		27	51	40	38	47	52	34	41.29	9.23		35	61	46	47	52	69	48	51.14	11.04	47.68	
Montenegro arg. Pv	19	20	13	18	26	9	15	17.14	5.46	20	25	12	42	30	10	24	23.29	10.90		20	20	12	29	28	9	20	19.71	7.41		18	19	16	22	22	9	9	16.43	5.50	19.14	
Caliche Pavement	3	2	2	2	2	3	4	2.57	0.79	2	1	3	3	2	3	5	2.71	1.25		2	3	3	8	4	4	6	4.286	2.06		1	3	1	5	3	2	1	2.29	1.50	2.96	
soil	41	25	30	14	18	20	30	25.43	9.13	46	24	42	14	24	34	30	30.57	11.12		50	26	45	25	21	35	40	34.57	11.00		46	17	37	21	22	20	42	29.29	11.97	29.96	
TOTAL NONVEG	63	47	45	34	46	32	49	45.14	10.29	68	50	57	59	56	47	59	56.57	6.80		72	49	60	62	53	48	66	58.57	8.98		65	39	54	48	47	31	52	48.00	10.89	52.07	
total veg+nonveg	100	100	100	99	100	100	100	99.86		100	100	100	101	100	100	100	100.1			99	100	100	100	100	100	100	99.86			100	100	100	95	99	100	100	99.14		99.75	
PBR: prickly pear, wild rose, ericameria, k. lanata, grass																																								

Site 9'																																							
	B	G	JD	JN	L	M	S	AVE	STDEV	B	G	JD	JN	L	M	S	AVE	STDEV	B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE											
Artemesia sp.	10	10	9	5	10	4	6	7.71	2.63	9	15	15	9	13	14	12	12.43	2.57	9	12	15	11	11	15	6	11.29	3.20	9.93											
Menadora s.	6	9	12	15	12	16	9	11.29	3.55	4	6	7	6	7	7	5	6.00	1.15	5	8	8	9	11	10	13	9.143	2.54	8.39											
Ephedra sp.	3	6	6	3	6	4	5	4.71	1.38	4	5	5	8	8	7	9	6.57	1.90	2	5	5	3	5	3	4	3.857	1.21	5.00											
Chrysothamnus l.	4	4	3	5	4	4	3	3.86	0.69	1	3	1	1	2	2	1	1.57	0.79	1	3	3	1	3	4	2	2.429	1.13	3.04											
Chrysothamnus n.	0	0	0	0	1	0	0	0.14	0.38	1	1	1	1	1	1	1	1.00	0.00	0	0	0	0	0	0	0	0	0.00	0.32											
grass	2	2	5	3	1	4	3	2.86	1.35	3	1	4	4	2	3	3	2.86	1.07	1	1	3	4	1	3	2	2.143	1.21	2.89											
Grayia	0	1	1	0	0	0	0	0.29	0.49	2	1	1	2	1	2	1	1.43	0.53	1	0	1	2	1	1	1	1	0.58	0.86											
Atriplex c.	1	2	1	1	0	1	2	1.14	0.69	2	0	1	1	1	0	1	0.86	0.69	2	2	2	2	2	1	1	1.714	0.49	1.14											
Tetradymia l.	0	1	1	1	1	1	1	0.86	0.38	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0.00	0.21											
California buckwhe.	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0.00	0.00	0	1	0	0	0	0	0	0.143	0.38	0.36											
K. lanata	1	0	1	0	1	1	0	0.57	0.53	0	0	0	0	0	0	0	0.00	0.00	1	1	0	0	0	0	0	0	0.286	0.49	0.25										
TOTAL VEG	27	35	39	33	36	35	29	33.43	4.16	26	32	35	32	35	36	33	32.71	3.35	22	33	37	32	34	37	29	32	5.23	32.39											
Montenegro Argillite	1	1	1	2	1	1	1	1.14	0.38	1	1	1	1	0	0	1	0.71	0.49	1	1	1	1	0	1	0	0.714	0.49	0.71											
Montenegro Limest	1	0	1	0	0	0	0	0.29	0.49	1	0	0	1	0	0	0	0.29	0.49	0	0	0	0	0	0	0	0	0	0.00	0.54										
Pavement	32	31	34	32	27	50	50	36.57	9.41	40	32	44	28	29	48	45	38.00	8.23	54	35	43	38	29	50	55	43.43	9.98	37.89											
caliche + limestone	14	6	12	24	5	4	8	10.43	7.02	8	4	10	25	7	5	5	9.14	7.29	3	3	5	13	5	3	5	5.286	3.55	9.50											
soil	24	27	13	9	31	10	12	18.00	9.06	24	31	10	13	29	11	16	19.14	8.75	20	28	14	16	32	9	11	18.57	8.64	18.93											
TOTAL NONVEG	72	65	61	67	64	65	71	66.43	3.91	74	68	65	68	65	64	67	67.29	3.35	78	67	63	68	66	63	71	68	5.23	67.57											
total veg+nonveg	99	100	100	100	100	100	100	99.86		100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100	99.96										
PBR: Ericameria, Castilleja, Snadragons, Erigeron, Buckwheat, Psorothamnus, Prickly Pear Cactus, Salt Bush, mallow, gold buttons.																																							
Site 10'																																							
	B	G	JD	JN	L	M	S	AVE	STDEV	B	G	JD	JN	L	M	S	AVE	STDEV	B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE											
Menadora s.	4	2	4	5	3	5	5	4.00	1.15	6	3	4	5	4	7	6	5.00	1.41	10	6	5	4	4	8	5	6	2.24	5.11											
Atriplex c.	8	7	7	7	6	8	8	7.29	0.76	5	6	5	5	5	4	3	4.71	0.95	7	7	8	7	7	8	6	7.143	0.69	6.82											
Tetradymia l.	0	0	1	0	1	1	1	0.57	0.53	2	1	2	3	1	3	1	1.86	0.90	0	1	1	0	0	2	0.571	0.79	0.89												
Ephedra sp.	4	7	5	4	4	3	3	4.29	1.38	4	4	4	4	4	6	4	4.29	0.76	3	5	2	3	3	3	1	2.857	1.21	3.54											
Tetradymia c.	1	1	1	1	1	1	1	1.00	0.00	5	3	3	5	1	3	3	3.29	1.38	1	1	1	1	0	1	1	0.857	0.38	1.29											
grass	1	0	1	0	0	0	0	0.29	0.49	1	1	1	0	0	0	0	0.43	0.53	2	1	1	1	0	1	1	1	0.58	0.68											
Mojave aster	3	2	4	1	1	3	3	2.43	1.13	2	1	2	2	1	3	2	1.86	0.69	3	1	2	2	2	3	2	2.143	0.69	1.75											
K. lanata	3	0	2	1	2	2	1	1.57	0.98	0	0	1	0	0	0	1	0.29	0.49	0	0	1	0	0	0	0	0.143	0.38	0.57											
Psorothamnus sp.	3	5	6	5	3	6	4	4.57	1.27	3	5	4	6	4	6	3	4.43	1.27	1	1	2	1	2	1	1	1.286	0.49	2.86											
Chrysothamnus n.	1	0	1	0	2	1	1	1.00	0.82	1	1	1	1	1	1	1	1.00	0.00	1	1	2	0	2	1	2	1.286	0.76	1.14											
TOTAL VEG	28	24	32	24	23	31	27	27.00	3.56	29	25	27	31	21	33	24	27.14	4.18	28	24	25	19	20	26	21	23.29	3.35	24.64											
Montenegro phyllite	2	1	1	1	1	1	0	1.00	0.58	2	1	1	1	1	1	1	1.14	0.38	1	0	0	0	0	0	1	0.286	0.49	0.82											
Montenegro/Poleta	50	39	35	50	64	30	48	45.14	11.41	51	38	40	45	67	28	45	44.86	12.13	60	40	40	53	65	41	45	49.14	10.29	46.71											
soil	20	36	32	25	12	38	25	26.86	9.21	18	36	32	23	11	38	30	26.86	9.91	10	36	35	28	15	33	33	27.14	10.42	27.54											
TOTAL NONVEG	72	76	68	76	77	69	73	73.00	3.56	71	75	73	69	79	67	76	72.86	4.18	71	76	75	81	80	74	79	76.57	3.60	75.07											
total veg+nonveg	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100		99	100	100	100	100	100	100	100	100	99.71											
PBR: Alyssum, Salt Bush, Desert Trumpet, Chryso. T., Grayia, Artemesia, Prickly Pear Cactus, Composite																																							

Site 11'																																											
	B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE			
pinon pine	9	17	10	13	12	11	4	10.86	3.98		6	15	8	10	10	9	4	8.86	3.48		5	7	7	6	7	9	4	6.429	1.62		4	10	4	5	5	4	3	5.00	2.31	7.79			
juniper	2	5	4	4	1	4	3	3.29	1.38		3	7	6	5	5	4	2	4.57	1.72		3	4	3	2	3	4	3	3.143	0.69		6	13	9	10	6	10	5	8.43	2.88	4.86			
Artemesia sp.	5	5	7	6	7	8	6	6.29	1.11		4	5	4	6	7	5	5.14	1.07		5	4	6	4	7	8	3	5.286	1.80		5	4	9	5	8	8	8	6.71	1.98	5.86				
Cliff Rose	3	6	7	5	5	6	5	5.29	1.25		1	2	1	1	1	1	1	1.14	0.38		2	10	6	4	5	4	4	5	2.52		0	0	0	0	0	0	0	0.00	0.00	2.86			
grass	1	1	1	0	0	1	0	0.57	0.53		0	0	1	0	0	1	0	0.29	0.49		1	0	1	1	0	1	0	0.571	0.53		2	1	2	1	1	2	2	1.57	0.53	0.75			
chrysothamnus n.	1	1	1	0	1	0	1	0.71	0.49		0	2	1	0	0	1	2	0.86	0.90		1	1	2	0	0	1	1	0.857	0.69		1	1	1	0	1	1	1	0.86	0.38	0.82			
TOTAL VEG	21	35	30	28	26	30	19	27.00	5.54		14	31	22	20	22	23	14	20.86	5.84		17	26	25	17	22	27	15	21.29	4.92		18	29	25	21	21	25	19	22.57	3.91	22.93			
total veg+nonveg 100 100 100 100 100 100 100 100 98.57 100											total veg+nonveg 100 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100 100										
PBR: Ephedra, Sticky Aster, Purshia, Menadora, Prickly Pear Cactus																																											
Site 12'																																											
	B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV		B	G	JD	JN	L	M	S	AVE	STDEV	SITE AVE			
pinon pine	4	6	7	8	7	6	3	5.86	1.77		5	10	8	12	9	7	4	7.86	2.79		5	11	8	13	10	6	7	8.571	2.88		0	0	0	0	0	0	0	0.00	0.00	5.57			
juniper	0	0	0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0	0	0.00		0	0	0	0	0	0	0	0.00	0.00	0.00			
Artemesia sp.	12	17	16	20	17	15	13	15.71	2.69		12	14	14	13	16	12	8	12.71	2.50		11	13	10	11	11	6	5	9.571	2.94		20	28	25	29	23	18	15	22.57	5.19	15.14			
Chrysothamnus sp.	2	4	4	3	3	3	2	3.00	0.82		2	3	3	4	2	4	1	2.71	1.11		2	3	1	1	3	2	0	1.714	1.11		1	2	1	2	4	1	1	1.71	1.11	2.29			
Ephedra sp.	2	2	2	1	2	1	1	1.57	0.53		1	3	2	2	3	1	1	1.86	0.90		0	0	0	0	0	0	0	0	0.00		0	1	0	0	0	0	0	0.14	0.38	0.89			
grass	1	0	1	2	3	2	1	1.43	0.98		1	1	1	1	1	1	0	0.86	0.38		1	1	2	2	2	2	1	1.571	0.53		5	5	4	5	7	5	2	4.71	1.50	2.14			
Purshia Gl.	3	4	4	5	4	3	1	3.43	1.27		6	6	8	8	7	8	7	7.14	0.90		6	11	10	11	7	7	5	8.143	2.48		0	0	0	0	0	0	0	0.00	0.00	4.68			
Eriogonum Ov.	0	0	0	0	0	0	0	0.00	0.00		1	1	1	2	1	1	0	1.00	0.58		1	1	1	1	3	2	1	1.429	0.79		0	0	0	0	0	0	0	0.00	0.00	0.61			
TOTAL VEG	24	33	34	39	36	30	21	31.00	6.48		28	38	37	42	39	34	21	34.14	7.29		26	40	32	39	36	25	19	31	7.92		26	36	30	36	34	24	18	29.14	6.82	31.32			
total veg+nonveg 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100										
PBR: Prickly Pear Cactus, Mallow, Grayia, Chryso. T., Cal. Buckwheat																																											
Site 13																																											
	B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE			
Artemesia	12	25		18	20	18	18	18.50	4.18		13	21		13	21	12	16	16.00	4.10		15	19		13	19	14	19	16.5	2.81		9	15		11	20	10	8	12.17	4.54	15.79			
Chrysothamnus t.	0	0		0	0	0	0	0.00	0.00		0	0		0	0	0	0	0.00	0.00		0	0		0	0	0	0	0	0.00		4	4		2	2	3	2	2.83	0.98	0.71			
Chrysothamnus ?	1	1		1	1	1	1	0.83	0.41		0	0		0	0	0	0	0.00	0.00		2	1		0	0	1	1	0.833	0.75		0	1		0	0	0	1	0.33	0.52	0.50			
Menadora spinesce	5	2		2	1	2	0	2.00	1.67		6	6		2	5	4	5	4.67	1.51		6	6		3	4	4	5	4.667	1.21		5	3		3	4	4	3	3.67	0.82	3.75			
Ephedra	8	3		7	7	5	8	6.33	1.97		7	7		6	8	5	6	6.50	1.05		5	6		5	4	4	7	5.167	1.17		5	4		2	4	3	7	4.17	1.72	5.54			
grass	15	8		9	14	7	2	9.17	4.79		13	8		9	11	6	2	8.17	3.87		10	8		7	13	6	3	7.833	3.43		10	6		6	9	4	3	6.33	2.73	7.88			
California Buckwhe	0	0		0	0	0	0	0.00	0.00		0	0		0	0	0	0	0.00	0.00		0	0		1	0	0	0	0.167	0.41		5	4		2	2	5	2	3.33	1.51	0.88			
TOTAL VEG	41	39		37	43	33	28	36.83	5.53		39	42		30	45	27	29	35.33	7.61		38	40		29	40	29	35	35.17	5.12		38	37		26	41	29	26	32.83	6.62	35.04			
total veg+nonveg 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100											total veg+nonveg 100 100 100 100 100 100 100 100 100										
PBR: eriogonum oval., gold buttons, prickly pear, grayia, prickly phlox, k. lanata, globe mallow, castilleja, lycium																																											

TOTAL VEG	26	36	34	32	26	19	28.83	6.34	16	24	25	28	24	15	22.00	5.25	22	28	20	29	30	15	24	5.97	24	27	33	26	29	19	26.33	4.72	25.29				
DeepSpring Limest	2	14	5	3	2	2	4.67	4.72	0	1	0	0	1	0	0.33	0.52	3	8	7	11	11	5	7.5	3.21	6	5	6	11	10	3	6.83	3.06	4.83				
Deep Spring Qtzt	6	2	6	13	7	6	6.67	3.56	3	2	1	2	2	2	2.00	0.63	2	5	4	7	4	2	4	1.90	0	8	0	3	3	1	2.50	3.02	3.79				
Limestone pavemet	30	30	32	18	26	38	29.00	6.66	16	3	14	7	10	15	10.83	5.12	39	8	20	12	31	35	24.17	12.73	23	20	11	21	20	32	21.17	6.74	21.29				
Quartzite float	18	2	4	17	19	15	12.50	7.50	43	41	39	30	38	51	40.33	6.86	23	36	39	16	16	30	26.67	9.91	21	27	37	11	13	10	19.83	10.67	24.83				
soil	18	16	19	17	20	20	18.33	1.63	21	29	21	33	25	17	24.33	5.89	11	15	10	25	8	13	13.67	6.06	25	13	13	28	25	35	23.17	8.68	19.88				
TOTAL NONVEG	74	64	66	68	74	81	71.17	6.34	83	76	75	72	76	85	77.83	5.04	78	72	80	71	70	85	76	5.97	75	73	67	74	71	81	73.50	4.64	74.63				
total veg+nonveg	100	100	100	100	100	100	100	100	99	100	100	100	100	100	99.83	100	100	100	100	100	100	100	100	100	99	100	100	100	100	100	99.83	100	99.92				
PBR: Castilleja, penstemon, senecio, cryptantha, hymenoxis, purshia, gentian, coyote mint, eriogonum, penny royal																																					
Site 22	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE
Bristlecone pine	12	17	15	13	11	13	13.50	2.17	18	16	12	17	14	11	14.67	2.80	3	6	5	8	5	3	5	1.90	8	13	7	5	10	9	8.67	2.73	10.46				
Chrysothamnus v.	1	1	1	1	1	1	1.00	0.00	1	1	1	3	1	0	1.17	0.98	2	7	2	2	2	2	2.833	2.04	1	2	1	4	1	2	1.83	1.17	1.71				
Artemesia	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	2	5	5	6	3	1	3.667	1.97	1	7	6	5	4	2	4.17	2.32	1.96				
dead wood	4	4	3	6	4	3	4.00	1.10	6	4	5	10	6	3	5.67	2.42	8	12	10	12	10	3	9.167	3.37	7	16	9	12	10	3	9.50	4.42	7.08				
grass	0	0	0	0	1	0	0.17	0.41	0	1	0	0	1	0	0.33	0.52	3	7	6	5	3	3	4.5	1.76	3	2	4	7	2	2	3.33	1.97	2.08				
ribes	0	0	0	0	0	0	0.00	0.00	0	0	0	1	1	0	0.33	0.52	0	0	0	0	0	0	0	0.00	0	1	0	0	0	0	0.17	0.41	0.13				
TOTAL VEG	17	22	19	20	17	17	18.67	2.07	25	22	18	31	23	14	22.17	5.85	18	37	28	33	23	12	25.17	9.37	20	41	27	33	27	18	27.67	8.48	23.42				
Reed Dolomite	7	9	9	7	9	10	8.50	1.22	9	9	4	9	10	11	8.67	2.42	6	4	4	2	7	2	4.167	2.04	5	3	2	3	4	2	3.17	1.17	6.13				
Reed pavement	60	49	64	35	46	48	50.33	10.41	50	46	65	30	44	35	45.00	12.26	55	29	46	18	45	44	39.5	13.46	35	15	40	32	30	30	30.33	8.41	41.29				
Soil	16	20	8	38	28	25	22.50	10.35	16	23	13	30	23	40	24.17	9.79	21	30	22	47	25	42	31.17	10.91	40	41	31	32	39	50	38.83	6.91	29.17				
TOTAL NONVEG	83	78	81	80	83	83	81.33	2.07	75	78	82	69	77	86	77.83	5.85	82	63	72	67	77	88	74.83	9.37	80	59	73	67	73	82	72.33	8.48	76.58				
total veg+nonveg	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00			
PBR: Castilleja, cryptantha, blue flax, prickly phlox, cushion phlox, arenaria																																					

Site 24										
B	G	C	JN	L	M	S	AVE	STDEV		
artemesia	21	35	28	27	27	28	27.67	4.46		
Lupine	3	3	3	4	8	9	5.00	2.76		
Cushion Buckwhea	3	4	3	6	3	4	3.83	1.17		
grass	8	6	7	6	5	8	6.67	1.21		
prickly phlox	0	1	0	0	0	1	0.33	0.52		
Arenaria	1	1	0	0	1	0	0.50	0.55		
TOTAL VEG	36	50	41	43	44	50	44.00	5.40		
Montenegro argillite	0	0	0	0	0	0	0.00	0.00		
Montenegro pavem	32	29	39	39	47	46	38.67	7.23		
Soil	32	21	20	18	9	4	17.33	9.83		
TOTAL NONVEG	64	50	59	57	56	50	56.00	5.40		
total veg+nonveg	100	100	100	100	100	100	100	100		
PBR: chrysothamnus, castilleja, clokey daisy, linanthus, penstamon, pink phlox, California buckwheat										

Site 25											
B	G	C	JN	L	M	S	AVE	STDEV			
artemesia	16	20	13	13	16	13	14.29	3.45			
grass	15	7	10	9	11	6	8	9.43	2.99		
prickly phlox	5	3	3	2	1	2	2.57	1.27			
arenaria	2	1	0	1	0	1	0	0.71	0.76		
Haplopappus	0	0	1	0	0	0	0.14	0.38			
Lupine	0	1	0	1	0	0	0.29	0.49			
Chrysothamnus v.	0	1	0	1	0	0	0.29	0.49			
TOTAL VEG	38	33	27	27	28	19	27.71	6.37			
Deep Spring qtzt	30	28	49	35	15	12	39	29.71	13.03		
Deep Spring pavem	23	20	16	22	49	54	40	32.00	15.37		
Soil	9	19	8	16	8	12	2	10.57	5.65		
TOTAL NONVEG	62	67	73	73	72	78	81	72.29	6.37		
total veg+nonveg	100	100	100	100	100	100	100	100			
PBR: blue flax, hawkbeard, castilleja, ribes, hymenoxys, cryptantha, linanthus, erigonum oval, Clokey daisy, trifolium											

Site 26										
B	G	C	JN	L	M	S	AVE	STDEV		
artemesia	19	30	22	20	18	18	21.17	4.58		
Lupine	2	1	1	2	2	1	1.5	0.55		
grass	4	7	8	8	6	9	7	1.79		
prickly phlox	6	4	7	4	6	10	6.167	2.23		
Arenaria	1	0	1	1	1	0	0.667	0.52		
Soil	1	1	1	1	2	1	1.167	0.41		
TOTAL VEG	33	43	40	36	35	39	37.67	3.67		
Montenegro argillite	2	1	3	0	1	1	1.333	0.52		
Montenegro pavem	50	30	43	40	48	53	44	8.32		
Soil	16	26	15	23	15	7	17	6.72		
TOTAL NONVEG	67	57	60	64	65	61	62.33	3.67		
total veg+nonveg	100	100	100	100	100	100	100	100		
PBR: chrysothamnus, castilleja, clokey daisy, linanthus, penstamon, pink phlox, California buckwheat										

Site 27											
B	G	C	JN	L	M	S	AVE	STDEV			
artemesia	4	12	9	5	6	5	3	6.29	3.15		
grass	12	14	13	12	15	6	11	11.86	2.91		
prickly phlox	3	4	3	1	1	2	2.29	1.11			
arenaria	1	1	1	0	0	2	0	0.71	0.76		
Haplopappus	2	5	2	2	2	1	2.29	1.25			
Lupine	0	0	0	0	0	0	0.00	0.00			
Chrysothamnus v.	0	0	0	0	0	0	0.00	0.00			
TOTAL VEG	22	36	28	20	24	17	23.43	6.78			
Deep Spring qtzt	38	32	59	51	17	33	65	42.14	16.94		
Deep Spring pavem	29	16	7	20	52	45	15	26.29	16.65		
Soil	11	16	6	9	7	5	3	8.14	4.34		
TOTAL NONVEG	78	64	72	80	76	83	83	76.57	6.78		
total veg+nonveg	100	100	100	100	100	100	100	100			
PBR: blue flax, hawkbeard, castilleja, ribes, hymenoxys, cryptantha, linanthus, erigonum oval, Clokey daisy, trifolium											

Site 28											
B	G	C	JN	L	M	S	AVE	STDEV			
artemesia	20	30	24	29	21	28	19	24.43	4.58		
grass	17	8	17	12	11	5	7	11	4.73		
prickly phlox	2	2	1	0	1	1	0	1	0.82		
arenaria	2	2	1	1	2	1	0	1.286	0.76		
Haplopappus	1	1	1	1	1	1	0	0.857	0.38		
Lupine	3	4	4	2	3	4	4	3.429	0.79		
Chrysothamnus v.	0	1	1	0	0	0	0	0.286	0.49		
TOTAL VEG	45	48	49	45	39	40	30	42.29	6.58		
Deep Spring qtzt	8	4	11	14	4	6	22	9.86	6.49		
Deep Spring pavem	27	14	22	14	33	28	16	22.00	7.59		
Soil	10	21	17	12	7	18	15	14.29	4.89		
TOTAL NONVEG	45	39	50	40	44	52	53	46.14	5.64		
total veg+nonveg	100	100	100	100	100	100	100	99.857	99.96		
PBR: blue flax, hawkbeard, castilleja, ribes, hymenoxys, cryptantha, linanthus, erigonum oval, Clokey daisy, trifolium											

Site 29											
B	G	C	JN	L	M	S	AVE	STDEV			
Bristlecone pine	3	5	4	4	4	3	2	3.57	0.98		
Purshia	2	2	5	3	3	2	6	3.29	1.60		
Limber pine	1	2	2	2	1	2	2	1.71	0.49		
Chrysothamnus v.	0	4	2	1	0	1	2	1.43	1.40		
prckly phlox	2	1	1	1	1	1	1	1.14	0.38		
Arenaria	1	1	1	0	2	0	1	0.86	0.69		
Artemesia	3	6	5	5	2	3	7	4.43	1.81		
Ribes	0	0	1	1	0	0	0	0.29	0.49		
grass	2	1	2	3	2	2	1	1.86	0.69		
dead wood + duff	7	8	9	8	11	5	8	8.00	1.83		
TOTAL VEG	21	30	32	28	26	19	30	26.57	4.89		
Poleta limestone	2	5	3	2	2	1	2	2.43	1.27		
Poleta pavemnt	34	33	28	35	40	45	36	35.86	5.40		
Soil	43	32	37	35	32	35	32	35.14	3.98		
TOTAL NONVEG	79	70	68	72	74	81	70	73.43	4.89		
total veg+nonveg	100	100	100	100	100	100	100	100			
PBR: senecio, penstamon, fernbush, lesquerella tangii											

Site 28																																											
	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE						
Artemesia	4	7	3			6	4	4.80	1.64	2	3	2			2	1	2.00	0.71	2	3	2			2	1	2	1	2	0.71	6	7	6			9	8	7.20	1.30	4.00				
Chrysothamnus v.	4	9	5			8	5	6.20	2.17	0	4	2			1	1	1.60	1.52	0	3	1			1	1	1.2	1.10	3	10	5			6	4	5.60	2.70	3.65						
fernbush	1	2	2			1	2	1.60	0.55	1	3	1			1	1	1.40	0.89	1	1	1			1	0	0.8	0.45	1	2	1			2	1	1.40	0.55	1.30						
grass	6	5	2			3	5	4.20	1.64	4	5	3			2	4	3.60	1.14	4	4	3			3	7	4.2	1.64	9	6	4			6	11	7.20	2.77	4.80						
prickly phlox	2	2	2			2	1	1.80	0.45	2	2	1			2	1	1.60	0.55	1	2	1			1	0	1	0.71	3	1	1			4	2	2.20	1.30	1.65						
Arenaria	1	1	1			0	1	0.80	0.45	0	1	0			1	0	0.40	0.55	1	1	1			2	0	1	0.71	0	1	2			2	0	1.00	1.00	0.80						
TOTAL VEG	18	26	15			20	18	19.40	4.10	9	18	9			9	8	10.60	4.16	9	14	9			10	9	10.2	2.17	22	27	19			29	26	24.60	4.04	16.20						
total veg+nonveg	100	100	100			100	100	100		99	100	100			100	100	99.8		99	100	100			100	100	99.8		100	100	100			100	100	100		99.90						
PBR: hymenoxys, clokey daisy, castilleja, fern, ribes																																											
Site 29																																											
	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE						
Artemesia	13	16	13			16	21	15.80	3.27	13	18	14			16	25	17.20	4.76	15	19	18			20	22	18.8	2.59	12	21	18			20	26	19.40	5.08	17.80						
Chrysothamnus v.	1	1	3			6	3	2.80	2.05	2	3	4			2	2	2.60	0.89	3	4	7			8	5	5.4	2.07	0	1	2			1	1	1.00	0.71	2.95						
Linanthus	4	6	4			4	4	4.40	0.89	6	10	6			9	8	7.80	1.79	5	5	4			8	6	5.6	1.52	6	10	6			5	4	6.20	2.28	6.00						
Ribes	1	2	0			2	1	1.20	0.84	1	1	1			1	1	1.00	0.00	2	1	3			3	1	2	1.00	0	0	1			0	0	0.20	0.45	1.10						
grass	3	2	3			3	5	3.20	1.10	2	3	4			3	8	4.00	2.35	3	1	1			1	2	1.6	0.89	5	2	2			3	2	2.80	1.30	2.90						
fernbush	1	2	1			1	1	1.20	0.45	1	1	1			1	1	1.00	0.00	0	1	2			2	2	1.4	0.89	0	0	0			0	0	0.00	0.00	0.90						
prickly phlox	2	1	4			3	2	2.40	1.14	1	3	4			2	0	2.00	1.58	1	2	3			3	1	2	1.00	2	3	2			1	1	1.80	0.84	2.05						
Arenaria	2	2	2			2	1	1.80	0.45	2	1	0			1	1	1.00	0.71	1	0	1			1	1	0.8	0.45	2	2	2			3	3	2.40	0.55	1.50						
Limber Pine	4	4	3			5	4	4.00	0.71	0	0	0			0	0	0.00	0.00	0	0	0			0	0	0	0.00	0	0	0			0	0	0.00	0.00	1.00						
TOTAL VEG	31	36	33			42	42	36.80	5.07	28	40	34			35	46	36.60	6.77	30	33	39			46	40	37.6	6.27	27	39	33			33	37	33.80	4.60	36.20						
total veg+nonveg	100	100	100			100	100	100		100	100	100			100	100	100		100	100	100			100	100	100		99	100	100			100	100	99.8		99.95						
PBR: clokey daisy, hymenoxys, hawksbeard, eriogonum, pennyroyal, castilleja, pink scarpod, cryptantha																																											
Site 30																																											
	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE						
Artemesia	25	31	25			28	21	26.00	3.74	26	28	22			25	20	24.20	3.19	33	27	21			30	29	28	4.47	22	25	21			27	18	22.60	3.51	25.20						
grass	36	16	22			20	28	24.40	7.80	39	21	24			23	36	28.60	8.26	30	16	18			11	19	18.8	6.98	47	28	30			33	51	37.80	10.47	27.40						
Monoclover (trifolium)	5	4	7			6	5	5.40	1.14	6	5	6			7	8	6.40	1.14	6	3	6			6	1	4.4	2.30	3	7	4			8	0	4.40	3.21	5.15						
TOTAL VEG	66	51	54			54	54	55.80	5.85	71	54	52			55	64	59.20	8.04	69	46	45			47	49	51.2	10.06	72	60	55			68	69	64.80	7.05	57.75						
Deep Spring Soil	34	49	46			46	46	44.20	5.85	29	46	48			45	36	40.80	8.04	31	54	55			53	51	48.8	10.06	28	40	45			32	31	35.20	7.05	42.25						
TOTAL NONVEG	34	49	46			46	46	44.20	5.85	29	46	48			45	36	40.80	8.04	31	54	55			53	51	48.8	10.06	28	40	45			32	31	35.20	7.05	42.25						
total veg+nonveg	100	100	100			100	100	100		100	100	100			100	100	100		100	100	100			100	100	100		100	100	100			100	100	100		100.00						
PBR: potentilla, senecio, castilleja, dandelion																																											

Reed Dolomite	8	2	9			7	5	6.20	2.77	6	5	10			13	1	7.00	4.64	10	5	11			16	7	9.8	4.21	6	3	13			17	5	8.80	5.93	7.95	
Reed pavement	50	50	43			60	60	52.60	7.33	60	52	48			46	51	51.40	5.37	48	49	30			46	56	45.8	9.60	40	47	28			35	42	38.40	7.23	47.05	
Soil	24	28	21			14	19	21.20	5.26	12	20	8			12	23	15.00	6.24	20	22	27			9	21	19.8	6.61	28	30	18			10	35	24.20	10.06	20.05	
TOTAL NONVEG	82	80	73			81	84	80.00	4.18	78	77	66			71	75	73.40	4.93	78	76	68			71	84	75.4	6.23	74	80	59			62	82	71.40	10.43	75.05	
total veg+nonveg	99	100	100			100	100	99.8		99	100	100			100	100	99.8		100	100	100			100	100	100			100	100	100			100	100	100	100	99.90
PBR: blue flax, clokey daisy, hymenoxyis, castilleja, micro astragalus, cryptantha																																						
Site 39																																						
	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE	
Artemesia	15	20	20			15	18	17.60	2.51	13	24	18			26	16	19.40	5.46	14	20	19			20	19	18.4	2.51	10	15	15			15	9	12.80	3.03	17.05	
prickly phlox	3	6	4			6	3	4.40	1.52	3	6	7			7	3	5.20	2.05	2	5	5			5	1	3.6	1.95	1	6	5			5	2	3.80	2.17	4.25	
Linanthus	4	7	10			8	7	7.20	2.17	0	4	0			0	0	0.80	1.79	4	7	6			10	6	6.6	2.19	2	6	4			5	1	3.60	2.07	4.55	
Chrysothamnus v.	5	6	6			9	4	6.00	1.87	4	5	7			6	5	5.40	1.14	4	4	5			8	5	5.2	1.64	3	6	7			6	4	5.20	1.64	5.45	
grass	1	2	10			4	3	4.00	3.54	2	4	8			5	3	4.40	2.30	2	5	6			3	2	3.6	1.82	1	4	2			1	0	1.60	1.52	3.40	
fembush	1	3	2			1	2	1.80	0.84	1	2	1			1	1	1.20	0.45	0	1	2			1	1	1	0.71	2	2	3			2	2	2.20	0.45	1.55	
Ribes	0	0	0			0	0	0.00	0.00	0	0	0			0	0	0.00	0.00	0	0	0			0	0	0	0.00	0	0	0			0	0	0.00	0.00	0.00	
TOTAL VEG	29	44	52			43	37	41.00	8.57	23	45	41			45	28	36.40	10.24	26	42	43			47	34	38.4	8.38	19	39	36			34	18	29.20	9.93	36.25	
Deep Spring Quartz	16	30	10			26	44	25.20	13.16	15	32	9			21	28	21.00	9.35	20	33	16			27	23	23.8	6.53	60	35	48			49	72	52.80	13.92	30.70	
Deep Spring Pavent	21	19	23			26	8	19.40	6.88	21	10	25			24	22	20.40	6.02	27	15	18			23	12	19	6.04	11	12	7			15	5	10.00	4.00	17.20	
Soil	34	7	15			5	11	14.40	11.61	41	13	25			10	22	22.20	12.19	27	10	23			3	31	18.8	11.84	10	14	9			2	5	8.00	4.64	15.85	
TOTAL NONVEG	71	56	48			57	63	59.00	8.57	77	55	59			55	72	63.60	10.24	74	58	57			53	66	61.6	8.38	81	61	64			66	82	70.80	9.93	63.75	
total veg+nonveg	100	100	100			100	100	100		100	100	100			100	100	100		100	100	100			100	100	100			100	100	100			100	100	100	100	100.00
PBR: ephedra, arenaria, clokey daisy, astragalus, gray goldenflower, castilleja, cryptantha																																						

Site 40																																							
B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE
Bristlecone Pine	3	4	5		3	3	3.60	0.89		6	4	5		5	6	5.20	0.84		8	13	8			10	13	10.4	2.51		10	15	11			12	15	12.60	2.30	7.95	
Limber Pine	1	0	2		0	0	0.60	0.89		1	1	1		1	0	0.80	0.45		1	0	1			1	0	0.6	0.55		0	0	0			0	0	0.00	0.00	0.50	
Chrysothamnus v.	0	1	0		0	0	0.20	0.45		0	0	0		0	0	0.00	0.00		0	1	0			0	0	0.2	0.45		1	2	1			1	1	1.20	0.45	0.40	
Arenaria	3	3	2		4	4	3.20	0.84		3	7	2		4	5	4.20	1.92		2	2	1			4	3	2.4	1.14		2	3	2			4	3	2.80	0.84	3.15	
cushion phlox	2	5	2		4	4	3.40	1.34		2	4	1		3	5	3.00	1.58		1	2	1			2	3	1.8	0.84		2	3	1			3	3	2.40	0.89	2.65	
Haplopappus	4	5	2		5	5	4.20	1.30		2	7	2		3	3	3.40	2.07		5	6	2			6	4	4.6	1.67		3	6	1			6	3	3.80	2.17	4.00	
raspberry buckwheat	5	6	3		8	5	5.40	1.82		4	2	2		5	5	3.60	1.52		5	7	2			8	3	5	2.55		4	8	1			6	3	4.40	2.70	4.60	
Artemesia	1	0	1		1	0	0.60	0.55		0	0	0		0	0	0.00	0.00		0	0	0			0	0	0	0.00		0	0	0			0	0	0.00	0.00	0.15	
dead wood + duff	6	8	9		7	5	7.00	1.58		6	5	5		9	4	5.80	1.92		4	5	5			5	3	4.4	0.89		5	3	6			5	3	4.40	1.34	5.40	
TOTAL VEG	25	32	26		32	26	28.20	3.49		24	30	18		30	28	26.00	5.10		26	36	20			36	29	29.4	6.84		27	40	23			37	31	31.60	6.99	28.80	
total veg+nonveg	100	102	100		100	100	100.4			100	99	100		100	100	99.8			100	100	100			100	100	100			100	100	100			100	100	100		100.05	
PBR: Clokey Daisy, Ribes, prickly phlox, grass, blue flax, Linanthus, astragalus, white-stem chrysothamnus, castilleja, cryptantha, hymenoxys, dandelion, senecio canis																																							
Site 41																																							
B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE
cushion phlox	7	7	2		12	6	6.80	3.56		8	7	2		12	8	7.40	3.58		9	5	4			12	7	7.4	3.21		8	8	5			11	9	8.20	2.17	7.45	
raspberry buckwheat	3	6	1		4	1	3.00	2.12		33	4	1		7	3	9.60	13.26		3	6	2			4	2	3.4	1.67		3	6	3			9	3	4.80	2.68	5.20	
orange lichen	3	2	4		4	8	4.20	2.28		3	1	4		4	10	4.40	3.36		4	2	4			4	6	4	1.41		4	1	5			3	11	4.80	3.77	4.35	
grass	0	1	2		1	1	1.00	0.71		2	0	1		1	1	1.00	0.71		0	1	1			1	1	0.8	0.45		2	1	2			2	2	1.80	0.45	1.15	
carpet (other)	0	1	2		3	1	1.40	1.14		0	0	1		4	1	1.20	1.64		0	0	0			3	1	0.8	1.30		1	1	1			3	1	1.40	0.89	1.20	
TOTAL VEG	13	17	11		24	17	16.40	4.98		46	12	9		28	23	23.60	14.74		16	14	11			24	17	16.4	4.83		18	17	16			28	26	21.00	5.57	19.35	
total veg+nonveg	99	100	100		100	100	99.8			130	100	100		100	100	106			99	100	100			100	100	99.8			100	100	100			100	100	100		101.40	
PBR: (mostly in carpet) Arenaria, Clokey daisy, Astragalus, gray goldenflower, astragalus lentiginous, castilleja nana, chrysothamnus ?, blue flax, dandelion, hymenoxys																																							
Site 43																																							
B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV		B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE
artemesia	19	31	21	31	27	26	19	24.86	5.24	20	30	27	29	32	23	26	26.71	4.15	18	33	39	34	30	28	25	29.57	6.80	16	26	18	26	23	19	9	19.57	6.08	25.18		
Linanthus	3	7	4	7	6	4	9	5.71	2.14	3	6	3	6	6	3	4	4.43	1.51	3	6	4	9	5	6	5	5.429	1.90	0	2	1	2	2	2	0	1.29	0.95	4.21		
prickly phlox	3	3	5	3	4	2	1	3.00	1.29	2	1	2	2	1	1	1	1.57	0.53	4	2	1	2	0	1	0	1.429	1.40	5	1	4	1	3	2	1	2.43	1.62	2.11		
grass	5	3	6	3	5	4	2	4.00	1.41	9	3	7	7	4	4	6	5.71	2.14	8	5	9	3	4	6	7	6	2.16		9	8	10	4	7	6	3	6.71	2.56	5.61	
lupine	1	1	1	1	1	1	1	1.00	0.00	2	2	2	1	2	2	2	1.86	0.38	3	3	4	3	5	5	5	4	1.00		0	0	0	0	0	0	0	0.00	0.00	1.71	
cushion eriogonum	2	0	1	1	0	0	0	0.57	0.79	0	1	0	1	1	1	0	0.57	0.53	1	0	1	1	1	1	1	0.857	0.38	3	1	4	3	5	2	2	2.86	1.35	1.21		
arenaria	3	4	1	1	2	1	1	1.86	1.21	1	4	1	1	1	2	1	1.57	1.13	3	1	2	1	1	1	1	1.429	0.79	2	5	2	2	2	2	2	2.43	1.13	1.82		
TOTAL VEG	36	49	39	47	45	38	33	41.00	6.03	37	47	42	47	48	36	40	42.43	5.00	40	50	60	53	46	48	44	48.71	6.50		35	43	39	38	42	33	17	35.29	8.81	41.86	
total veg+nonveg	100	111	100	100	100	100	100	100		99	100	100	100	100	100	100	99.857			100	100	100	100	100	100	100	100			99	100	100	100	100	100	100	99.857		99.93
PBR: Chrysothamnus, clokey daisy, penstemon, hawksbeard, castilleja, yellow buckwheat, yellow mustard, astragalus, gray goldenflower																																							

Site 57																																							
	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE		
Bristlecone pine	8	16		6	10	12	6	9.67	3.88	8	12		7	14	11	7	9.83	2.93	7	8		4	5	5	7	6	1.55	10	23		10	10	12	16	13.50	5.21	9.75		
Limber pine	0	0		0	0	0	0	0.00	0.00	0	0		0	0	0	0	0.00	0.00	0	0		0	0	0	0	0	0.00	1	0		1	1	1	1	0.83	0.41	0.21		
Chrysothamnus v.	4	6		2	3	3	6	4.00	1.67	6	7		4	6	5	16	7.33	4.37	4	9		8	7	5	7	6.667	1.86	3	2		3	2	2	6	3.00	1.55	5.25		
artemesia	0	0		0	0	0	0	0.00	0.00	0	0		0	0	0	1	0.17	0.41	1	2		1	1	0	0	0.833	0.75	0	0		0	0	0	0	0.00	0.00	0.25		
grass	2	3		1	4	2	3	2.50	1.05	4	5		3	2	5	8	4.50	2.07	2	6		2	1	1	5	2.833	2.14	3	3		1	1	2	0	1.67	1.21	2.88		
carpet (picolupine)	21	7		12	17	20	17	15.67	5.28	10	1		2	2	2	3	3.33	3.33	18	6		7	10	17	14	12	5.10	21	4		6	18	18	13	13.33	6.98	11.08		
dead wood + duff	4	5		3	5	4	3	4.00	0.89	6	7		3	11	7	10	7.33	2.88	6	5		4	7	6	7	5.833	1.17	10	7		6	9	11	11	9.00	2.10	6.54		
TOTAL VEG	39	37		24	39	41	35	35.83	6.15	34	32		19	35	30	45	32.50	8.41	38	36		26	31	34	40	34.17	5.08	48	39		27	41	46	47	41.33	7.87	35.96		
Reed Dolomite	4	3		5	2	3	4	3.50	1.05	35	30		42	14	15	16	25.33	11.96	26	29		32	19	16	14	22.67	7.37	11	9		15	8	7	7	9.50	3.08	15.25		
Reed pavement	40	35		41	32	38	40	37.67	3.50	20	28		29	42	47	30	32.67	9.95	22	18		27	40	41	39	31.17	10.11	17	26		34	29	29	14	24.83	7.73	31.58		
soil	17	25		30	27	18	21	23.00	5.18	11	10		10	9	8	9	9.50	1.05	14	17		15	10	9	7	12	3.90	24	26		24	22	18	32	24.33	4.63	17.21		
TOTAL NONVEG	61	63		76	61	59	65	64.17	6.15	66	68		81	65	70	55	67.50	8.41	62	64		74	69	66	60	65.83	5.08	52	61		73	59	54	53	58.67	7.87	64.04		
total veg+nonveg	100	100		100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100		100	100	100	100	100	100	100.00		
PBR: Linanthus, penstamon, prickly phlox, gold buttons, Clokey daisy																																							
Site 58																																							
	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	B	G	C	JN	L	M	S	AVE	STDEV	SITE AVE		
grass (mult. Types)	35	40		40	38	35	35	37.17	2.48	38	38		46	35	37	45	39.83	4.54	40	45		42	40	40	35	40.33	3.27	38	36		45	35	33	25	35.33	6.53	38.17		
TOTAL VEG	35	40		40	38	35	35	37.17	2.48	38	38		46	35	37	45	39.83	4.54	40	45		42	40	40	35	40.33	3.27	38	36		45	35	33	25	35.33	6.53	38.17		
salt encrustations	28	16		18	15	20	25	20.33	5.16	29	21		19	32	15	20	22.67	6.47	33	19		22	32	20	20	24.33	6.41	23	20		16	35	22	20	22.67	6.50	22.50		
Soil	39	44		42	47	45	40	42.83	3.06	33	41		35	33	48	35	37.50	5.92	27	36		36	28	40	45	35.33	6.92	39	44		39	30	45	55	42.00	8.29	39.42		
TOTAL NONVEG	67	60		60	62	65	65	63.17	2.93	62	62		54	65	63	55	60.17	4.54	60	55		58	60	60	65	59.67	3.27	62	64		55	65	67	75	64.67	6.53	61.92		
total veg+nonveg	102	100		100	100	100	100	100.3	100	100	100		100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100		100	100	100	100	100	100	100.08		
PBR:																																							

Table with columns for Site 4, Site 5, and Site 6. Each site section contains a list of species and their measurements (TJ, LZ, GE, SD, AH, AVE, STDEV) across four quadrants, followed by a 'TOTAL NONVEG' row. Summary statistics for 'total veg+nonveg' are provided at the bottom of each site section, including PBR information (e.g., barrel cactus, Chrysothamnus ?, K. lanata for Site 4).

SITE AVE 4.50 5.25 4.00 1.75 2.80 1.60 0.60 2.05 0.70 23.25 1.20 1.20 53.45 21.15 77.00 100.25 7.80 4.75 2.90 1.00 5.45 1.30 0.00 23.20 0.55 0.10 42.65 33.65 76.95 100.15 21.05 2.30 0.25 1.25 2.70 27.55 12.65 51.90 7.80 72.35 99.90 7.25 7.55 2.20 0.10 0.30 0.10 0.30 0.05 1.10 19.20 5.80 42.45 32.50 80.75 99.95

Site 25																																
	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	SITE AVE			
artemesia	11	16	23	10	11	14.20	5.45	2	1	0	0	0	0.60	0.89	21	14	28	18	13	18.8	6.06	25	18	38	25	23	25.80	7.40	14.85			
Bunch grass	7	10	5	5	5	6.40	2.19	9	6	12	5	4	7.20	3.27	3	4	13	8	3	6.2	4.32	7	12	16	16	7	11.60	4.51	7.85			
prickly phlox	1	1	1	1	2	1.20	0.45	3	1	5	3	1	2.60	1.67	0	1	0	0	0	0.2	0.45	0	0	0	0	0	0.00	0.00	1.00			
arenaria	0	1	1	1	2	1.00	0.71	0	0	1	0	0	0.20	0.45	0	1	1	1	1	0.8	0.45	1	0	1	0	1	0.60	0.55	0.65			
Haplopappus	0	0	1	1	0	0.40	0.55	0	0	1	0	0	0.20	0.45	4	0	3	2	4	2.6	1.67	0	0	0	0	0	0.00	0.00	0.80			
Lupine	1	0	0	0	0	0.20	0.45	0	0	1	0	0	0.20	0.45	1	1	4	1	1	1.6	1.34	3	2	4	2	3	2.80	0.84	1.20			
Chrysothamnus v.	0	0	1	0	0	0.20	0.45	0	0	0	0	0	0.20	0.00	1	0	0	0	0	0.2	0.45	0	0	0	0	0	0.00	0.00	0.10			
TOTAL VEG	20	28	32	18	20	23.60	6.07	14	8	20	8	5	11.00	6.00	30	21	49	30	22	30.4	11.24	36	32	59	43	34	40.80	10.99	26.45			
Deep Spring qtzt	8	14	24	9	12	13.40	6.39	60	60	54	79	75	65.60	10.78	3	2	3	2	1	2.2	0.84	10	5	6	10	7	7.60	2.30	22.20			
Deep Spring pavem	45	40	32	54	54	45.00	9.43	20	27	18	10	10	17.00	7.21	40	62	21	31	42	39.2	15.22	29	41	20	35	19	28.80	9.50	32.50			
Soil	27	18	12	19	14	18.00	5.79	5	5	8	3	10	6.20	2.77	27	15	27	37	35	28.2	8.67	25	22	15	12	40	22.80	10.94	18.80			
TOTAL NONVEG	80	72	68	82	80	76.40	6.07	85	92	80	92	95	88.80	6.14	70	79	51	70	78	69.6	11.24	64	68	41	57	66	59.20	10.99	73.50			
total veg+nonveg	100	100	100	100	100	100	100	99	100	100	100	100	99.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.95			
PBR: blue flax, hawksbeard, castilleja, ribes, hymenoxys, cryptantha, linanthus, eriogonum oval., Clokey daisy, trifolium																																
Site 27																																
	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	SITE AVE			
Bristlecone pine	11	6	6	9	5	7.40	2.51	18	14	10	10	14	13.20	3.35	12	10	9	18	17	13.2	4.09	11	12	14	10	15	12.40	2.07	11.55			
Purshia	4	3	6	4	3	4.00	1.22	1	1	2	1	1	1.20	0.45	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	1.30			
Ribes	0	1	1	0	0	0.40	0.55	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	1	1	1	1	1	1.00	0.00	0.35			
prickly phlox	0	1	1	1	0	0.60	0.55	1	0	1	1	0	0.60	0.55	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0.30			
Artemesia	2	2	5	3	2	2.80	1.30	3	3	4	2	1	2.60	1.14	2	1	2	2	1	1.6	0.55	1	2	2	1	1	1.40	0.55	2.10			
Bunch grass	0	1	1	2	1	1.00	0.71	0	0	2	1	0	0.60	0.89	0	0	1	1	0	0.4	0.55	0	0	1	0	0	0.20	0.45	0.55			
Limber pine	0	2	2	1	2	1.40	0.89	1	3	1	1	1	1.40	0.89	5	5	2	5	7	4.8	1.79	2	1	0	0	1	0.80	0.84	2.10			
Chrysothamnus v.	2	1	4	1	0	1.60	1.52	1	1	1	1	0	0.80	0.45	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0.60			
Fern bush	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0.00			
dead wood + duff	5	5	3	4	5	4.40	0.89	2	2	3	2	3	2.40	0.55	3	12	6	6	9	7.2	3.42	4	7	5	6	5	5.40	1.14	4.85			
Arianaria	0	0	1	0	0	0.20	0.45	0	0	0	0	0	0.00	0.00	0	0	1	1	0	0.4	0.55	0	1	0	0	0	0.20	0.45	0.20			
TOTAL VEG	24	22	30	25	18	23.80	4.38	27	24	24	19	20	22.80	3.27	22	28	21	33	34	27.6	6.02	19	24	23	18	23	21.40	2.70	23.90			
Poleta limestone	2	2	3	1	1	1.80	0.84	13	8	7	6	15	9.80	3.96	1	0	0	0	1	0.4	0.55	0	0	0	0	0	0.00	0.00	3.00			
Poleta pavement	37	30	29	37	43	35.20	5.76	37	47	39	33	51	41.40	7.40	46	43	20	32	33	34.8	10.28	38	55	25	30	24	34.40	12.78	36.45			
Soil	37	46	38	36	38	39.00	4.00	23	21	30	42	14	26.00	10.61	31	29	59	35	32	37.2	12.38	43	21	52	52	53	44.20	13.59	36.60			
TOTAL NONVEG	76	78	70	74	82	76.00	4.47	73	76	76	81	80	77.20	3.27	78	72	79	67	66	72.4	6.02	81	76	77	82	77	78.60	2.70	76.05			
total veg+nonveg	100	100	100	99	100	99.8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99.95			
PBR: senecio, penstamon, fernbush, lesquerella langeii																																

Site 47																																SITE AVE
TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		
Shadscale/Atriplex	4	2	8	5	6	5.00	2.24	4	4	10	6	5	5.80	2.49	4	6	8	6	7	6.2	1.48	4	8	11	7	9	7.80	2.59	6.20			
Psorothamnus	3	1	2	2	4	2.40	1.14	4	2	3	2	3	2.80	0.84	3	4	4	3	5	3.8	0.84	2	4	2	2	3	2.60	0.89	2.90			
Menodora spinescens	1	2	3	1	2	1.80	0.84	1	1	2	0	1	1.00	0.71	0	1	1	0	1	0.6	0.55	1	1	1	1	0	0.80	0.45	1.05			
Mojave Aster	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0.00		
Bunchgrass	0	0	0	0	0	0.00	0.00	1	1	0	1	0	0.60	0.55	0	0	0	0	0	0	0.00	0.00	0	0	1	0	0	0.20	0.45	0.20		
grass/forbes	0	3	1	1	1	1.20	1.10	0	1	1	1	1	0.80	0.45	0	2	0	1	0	0.6	0.89	0	0	0	1	0	0.20	0.45	0.70			
Chrysothamnus p.	5	3	2	2	1	2.60	1.52	4	2	3	2	2	2.60	0.89	2	5	3	2	2	2.8	1.30	5	1	1	0	0	1.40	2.07	2.35			
Chrysothamnus v.	1	1	1	1	1	1.00	0.00	2	0	0	0	1	0.60	0.89	3	1	0	0	0	0.8	1.30	1	0	1	1	0	0.60	0.55	0.75			
Ericameria	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	1	0	1	0.40	0.55	0.10		
dead wood	3	2	1	1	1	1.60	0.89	4	2	1	2	2	2.20	1.10	6	4	0	2	1	2.6	2.41	4	6	2	2	3	3.40	1.67	2.45			
Ephedra	1	2	2	1	3	1.80	0.84	0	1	1	0	1	0.60	0.55	1	1	2	1	1	1.2	0.45	0	1	2	1	1	1.00	0.71	1.15			
Artemisia	1	1	0	0	0	0.40	0.55	0	0	1	0	0	0.20	0.45	2	0	1	1	0	0.8	0.84	0	0	0	0	0	0.00	0.00	0.35			
TOTAL VEG	19	17	20	14	19	17.80	2.39	20	14	22	14	16	17.20	3.63	21	24	19	16	17	19.4	3.21	17	21	22	15	17	18.40	2.97	18.20			
black quartzite float	3	4	2	1	0	2.00	1.58	5	3	1	0	0	1.80	2.17	6	1	0	0	0	1.4	2.61	5	2	1	0	0	1.60	2.07	1.70			
black quartzite pave	56	44	41	65	70	55.20	12.68	50	43	44	48	72	51.40	11.87	54	45	41	49	68	51.4	10.45	54	62	40	58	69	56.60	10.81	53.65			
soil	22	35	37	20	11	25.00	10.89	25	40	33	38	12	29.60	11.41	19	30	40	35	15	27.8	10.57	24	15	37	27	14	23.40	9.45	26.45			
TOTAL NONVEG	81	83	80	86	81	82.20	2.39	80	86	78	86	84	82.80	3.63	79	76	81	84	83	80.6	3.21	83	79	78	85	83	81.60	2.97	81.80			
total veg+nonveg	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00				
PBR: globemallow, desert alyssum, desert trumpet, mojavite aster, Tetradyia canescens																																
Site 48																																SITE AVE
TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		
Bunchgrass	2	2	1	1	1	1.60	0.55	1	2	1	1	1	1.20	0.45	2	1	1	2	1	1.4	0.55	1	2	1	1	2	1.40	0.55	1.40			
M. spinosa	8	11	3	4	7	6.60	3.21	4	9	5	4	5	5.40	2.07	6	7	3	3	4	4.6	1.82	7	10	5	6	6	6.80	1.92	5.85			
Chrysothamnus p.	10	11	8	10	7	9.20	1.64	8	9	6	8	4	7.00	2.00	11	7	4	4	3	5.8	3.27	7	10	5	5	4	6.20	2.39	7.05			
Ephedra	7	6	4	4	3	4.80	1.64	6	6	4	4	6	5.20	1.10	6	5	5	7	7	6	1.00	4	3	3	4	5	3.80	0.84	4.95			
K. lanata	2	4	0	1	1	1.60	1.52	3	4	3	2	3	3.00	0.71	5	4	3	1	4	3.4	1.52	4	3	1	1	3	2.40	1.34	2.60			
Grayia	1	1	2	3	2	1.80	0.84	2	3	3	6	2	3.20	1.64	1	3	5	6	3	3.6	1.95	2	1	3	5	0	2.20	1.92	2.70			
Psorothamnus	0	1	1	1	0	0.60	0.55	0	2	3	2	1	1.60	1.14	0	1	1	0	0	0.4	0.55	1	0	1	0	1	0.60	0.55	0.80			
Chrysothamnus v.	3	0	2	1	0	1.20	1.30	4	1	2	1	1	1.80	1.30	3	4	1	1	0	1.8	1.64	2	3	1	0	1	1.40	1.14	1.55			
Annuals	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	1	1	0	0	0.4	0.55	0	1	0	0	0	0.20	0.45	0.15			
Tetradyia longispi	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	1	1	1	1	1	1.00	0.00	0.25		
Artemisia	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	1	0	0	0.20	0.45	0.05		
TOTAL VEG	33	36	21	25	22	27.40	6.73	28	36	27	28	23	28.40	4.72	34	33	24	24	22	27.40	5.64	29	34	22	23	23	26.20	5.17	27.35			
AM + MN Quartzite	3	1	1	0	1	1.20	1.10	4	2	2	1	2	2.20	1.10	3	6	4	2	3	3.6	1.52	4	4	2	0	2	2.40	1.67	2.35			
black quartzite pave	46	38	42	54	65	49.00	10.72	48	36	39	44	66	46.60	11.78	45	31	40	49	62	45.4	11.46	48	35	40	56	60	47.80	10.50	47.20			
soil	18	25	36	21	12	22.40	8.96	20	27	32	26	9	22.80	8.81	18	30	32	25	13	23.6	8.02	19	27	36	22	15	23.80	8.11	23.15			
TOTAL NONVEG	67	64	79	75	78	72.60	6.73	72	65	73	71	77	71.60	4.34	66	67	76	76	78	72.60	5.64	71	66	78	78	77	74.00	5.34	72.70			
total veg+nonveg	100	100	100	100	100	100	100	100	101	100	99	100	100	100	100	100	100	100	100	100	100	100	101	100	100.2	100.00	100.00					
PBR: prickly pear cactus, desert trumpet, globemallow, gold buttons, salt bush, Tetradyia c., cucumber cactus, [purple stem], desert paintbrush, California buckwheat, mallow.																																
Site 49																																SITE AVE
TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		
Bunch grass	27	4	14	5	7	11.40	9.56	26	6	21	10	15	15.60	8.08	23	1	13	3	3	8.6	9.32	23	3	20	3	6	11.00	9.72	11.65			
Grassosaurus (grrr)	7	2	9	2	1	4.20	3.56	5	1	6	3	2	3.40	2.07	8	2	8	3	2	4.6	3.13	5	2	8	1	1	3.40	3.05	3.90			
common grass	36	45	39	54	38	42.40	7.30	39	39	36	48	29	38.20	6.83	42	65	46	59	51	52.6	9.40	49	57	46	61	58	54.20	6.38	46.85			
Artemisia	7	4	3	4	2	4.00	1.87	3	4	7	2	2	3.60	2.07	3	2	5	2	2	2.8	1.30	1	1	1	0	0	0.60	0.55	2.75			
TOTAL VEG	77	55	65	65	48	62.00	11.05	73	50	70	63	48	60.80	11.39	76	70	72	67	58	68.6	6.77	78	63	75	65	65	69.20	6.80	65.15			
Deep Spring soil	23	45	35	35	52	38.00	11.05	27	50	30	37	52	39.20	11.39	24	30	28	33	42	31.4	6.77	22	37	25	35	35	30.80	6.80	34.85			
TOTAL NONVEG	23	45	35	35	52	38.00	11.05	27	50	30	37	52	39.20	11.39	24	30	28	33	42	31.4	6.77	22	37	25	35	35	30.80	6.80	34.85			
total veg+nonveg	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00	100.00					
PBR: Astragalus, yellow composite, lupine, cryptantha, horkelia																																
Site 50																																SITE AVE
TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		TJ	LZ	GE	SD	AH	AVE	STDEV		
Artemisia	45	40	37	52	49	44.60	6.19	45	33	40	48	28	38.80	8.29	46	36	36	43	41	40.4	4.39	42	33	36	24	38	34.60	6.77	39.60			
grass	14	40	32	13	25	24.80	11.61	19	45	32	28	38	32.40	9.86	16	42	38	32	32	32	9.90	23	46	37	45	31	36.40	9.69	31.40			
TOTAL VEG	59																															

Site 51								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								SITE AVE							
TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV								
artemesia								23	50	33	30	31	33.40	10.01		22	33	30	20	25	26.00	5.43		19	32	30	14	19	22.8	7.79		17	38	30	19	22	25.20	8.70	26.85
Bunch grass								2	3	4	2	2	2.60	0.89		2	2	3	2	2	2.20	0.45		2	2	4	3	2	2.6	0.89		2	2	4	4	1	2.60	1.34	2.50
Chrysothamnus v.								1	0	1	0	0	0.40	0.55		0	0	0	0	0	0.00	0.00		0	0	1	1	0	0.4	0.55		0	0	0	0	0	0.00	0.00	0.20
Arenaria								0	0	2	1	1	0.80	0.84		1	0	2	1	2	1.20	0.84		2	1	1	2	2	1.6	0.55		1	1	1	1	3	1.40	0.89	1.25
Lupine								1	1	1	1	1	1.00	0.00		0	0	0	0	0	0.00	0.00		0	0	0	0	0	0	0.00		0	0	1	0	0	0.20	0.45	0.30
Monoclover (trifolium)								1	1	1	2	2	1.40	0.55		1	3	1	3	2	2.00	1.00		1	1	1	2	1	1.2	0.45		1	1	1	4	2	1.80	1.30	1.60
Prickly phlox								2	0	1	1	0	0.80	0.84		2	2	2	2	4	2.40	0.89		0	0	0	0	0	0	0.00		1	0	1	0	2	0.80	0.84	1.00
TOTAL VEG								30	55	43	37	37	40.40	9.37		28	40	38	28	35	33.80	5.59		24	36	37	22	24	28.6	7.27		22	42	38	28	30	32.00	8.00	33.70
Montenegro phillite								0	0	0	0	0	0.00	0.00		0	0	0	0	0	0.00	0.00		0	0	1	0	0	0.2	0.45		0	0	0	0	0	0.00	0.00	0.05
Montenegro pavem								45	40	49	51	58	48.60	6.73		46	51	50	58	59	52.80	5.54		48	60	51	60	65	56.8	7.05		49	55	56	62	61	56.60	5.22	53.70
Soil								25	5	8	12	5	11.00	8.34		26	9	12	14	6	13.40	7.67		28	4	11	18	11	14.4	9.07		29	3	6	10	9	11.40	10.21	12.55
TOTAL NONVEG								70	45	57	63	63	59.60	9.37		72	60	62	72	65	66.20	5.59		76	64	63	78	76	71.4	7.27		78	58	62	72	70	68.00	8.00	66.30
total veg+nonveg								100	100	100	100	100			100	100	100	100	100			100	100	100	100	100			100	100	100	100	100			100.00			
PBR: chrysothamnus, erigonum, hymenoxys, clokey daisy, castilleja nana, potentilla																																							
Site 53								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								SITE AVE							
TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV								
Artemesia								21	24	25	26	16	22.40	4.04		21	23	24	12	18	19.60	4.83		26	29	30	35	25	29	3.94		26	20	25	19	12	20.40	5.59	22.85
grass								21	28	23	18	21	22.20	3.70		19	27	20	45	31	28.40	10.53		6	14	11	8	11	10	3.08		13	16	17	18	9	14.60	3.65	18.80
Monoclover (Trifolium)								1	0	1	1	0	0.60	0.55		12	3	5	1	2	4.60	4.39		18	13	8	15	15	13.8	3.70		1	2	2	1	4	2.00	1.22	5.25
Hulsea sp.								2	6	2	3	3	3.00	1.73		5	0	0	0	0	1.00	2.24		2	0	1	1	2	1.2	0.84		1	1	2	1	1	1.20	0.45	1.60
Arenaria								0	0	0	0	0	0.00	0.00		0	0	0	0	0	0.00	0.00		0	1	1	0	0	0.4	0.55		0	1	1	0	1	0.60	0.55	0.25
TOTAL VEG								45	58	51	47	40	48.20	6.76		57	53	49	58	51	53.60	3.85		52	57	51	59	53	54.4	3.44		41	40	47	39	27	38.80	7.29	48.75
Deep Spring qtzt p								0	3	1	1	1	1.20	1.10		0	7	2	4	3	3.20	2.59		1	12	3	3	2	4.2	4.44		9	5	2	2	4	4.40	2.88	3.25
Deep Spring dolo p								8	0	0	0	0	1.60	3.58		5	0	0	0	0	1.00	2.24		6	1	1	1	0	1.8	2.39		6	4	3	5	2	4.00	1.58	2.10
Soil								49	39	48	52	59	49.40	7.23		38	40	49	38	46	42.20	5.02		42	30	45	37	45	39.8	6.38		44	51	48	54	67	52.80	8.76	46.05
TOTAL NONVEG								57	42	49	53	60	52.20	7.05		43	47	51	42	49	46.40	3.85		49	43	49	41	47	45.8	3.63		59	60	53	61	73	61.20	7.29	51.40
total veg+nonveg								102	100	100	100	100			100	100	100	100	100			101	100	100	100	100	100.2		100	100	100	100	100			100.15			
PBR: Erigonum ovalifolium, castelleja nana, Penstamon, dandelion, Portentella, moss, lupine, senecio, astragalus kentrophyta, cryptantha, haplopappus, clokey daisy, astragalus																																							
Site 54								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								SITE AVE							
TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV								
Artemesia								5	11	3	6	3	5.60	3.29		5	12	2	7	3	5.80	3.96		2	9	1	7	3	4.4	3.44		2	8	1	5	4	4.00	2.74	4.95
grass								15	17	23	12	17	16.80	4.02		17	11	18	15	15	15.20	2.68		19	10	18	20	11	15.6	4.72		11	7	13	13	15	11.80	3.03	14.85
Ribes								1	1	1	0	0	0.60	0.55		3	3	5	2	1	2.80	1.48		2	3	3	1	2	2.2	0.84		4	5	6	2	1	3.60	2.07	2.30
cushion phlox								9	9	10	1	4	6.60	3.91		9	11	12	8	12	10.40	1.82		10	8	15	9	15	11.4	3.36		12	6	13	11	11	10.60	2.70	9.75
prickly phlox								4	4	12	5	3	5.60	3.65		4	4	10	4	2	4.80	3.03		2	3	4	3	1	2.6	1.14		4	3	7	4	2	4.00	1.87	4.25
Antennaria microph								7	7	1	8	12	7.00	3.94		2	0	0	0	3	1.00	1.41		1	0	1	0	2	0.8	0.84		0	1	2	0	1	0.80	0.84	2.40
Arenaria								1	1	0	1	2	1.00	0.82		0	1	0	1	3	1.00	1.22		0	2	2	0	5	1.8	2.05		2	4	1	0	2	1.80	1.48	1.40
TOTAL VEG								42	49	50	33	41	43.00	6.89		40	42	47	37	39	41.80	3.81		36	35	44	40	39	38.8	3.56		35	34	43	35	36	36.60	3.65	39.85
Andrews Mtn Quart								1	0	5	2	0	1.60	2.07		2	0	3	9	0	2.80	3.70		5	0	23	6	1	8.75	9.74		4	0	21	8	1	6.80	8.53	4.99
Andrews Mtn paver								38	33	41	45	44	40.20	4.87		36	43	45	39	45	41.60	3.97		41	50	30	44	47	42.4	7.70		42	51	34	46	48	44.20	6.57	42.10
Soil								19	18	4	20	15	15.20	6.53		22	15	5	15	16	14.60	6.11		18	15	3	10	13	11.8	5.72		19	15	2	11	15	12.40	6.47	13.50
TOTAL NONVEG								58	51	50	67	59	57.00	6.89		60	58	53	63	61	59.00	3.81		64	65	56	60	61	61.2	3.56		65	66	57	65	64	63.40	3.65	60.15
total veg+nonveg								100	100	100	100	100			100	100	100	100	100			100	100	100	100	100			100	100	100	100	100			100.00			
PBR: Castelleja Nana, Huchera Duranni, arenaria, trifolium, chrysothamnus v., erigonum ovalifolium, potentilla, astragalus lentiginus																																							
Site 55								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								TJ LZ GE SD AH AVE STDEV								SITE AVE							
TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	STDEV								
Artemesia								14	15	14	19	10	14.40	3.21		9	9	8	12	3	8.20	3.27		11	3	5	2	2	4.6	3.78		8	7	4	4	5	5.60	1.82	8.20
grass								7	5	4	4	5	5.00	1.22		9	5	10	6	9	7.80	2.17		11	12	14	16	15	13.6	2.07		13	8	15	12	12	12.00	2.55	9.60
Chrysothamnus v.								10	8	7	6	3	6.80	2.59		12	13	8	8	9	10.00	2.35		11	16	8	16	11	12.4	3.51		14	15	13	13	15	14.00	1.00	10.80
Erigonum ovalifolium								0	0	1	0	0	0.20	0.45		1	1	0	1	2	1.00	0.71		1	1	2	3	2	1.8	0.84		1	2	0	1	1	1.00	0.71	1.00
Trifolium (monoclover)								1	2	3	2	3	2.20	0.84		0	1	1	1	0	0.60	0.55		0	1	0	0	0	0.2	0.45		0	1	0	2	0	0.60	0.89	0.90
Linanthus								3	2	6	2	3	3.20	1.64		1	1	5	1	1	1.80	1.79		0	0	4	0	0	0.8	1.79		2	0	1	1	0	0.80	0.84	1.65
prickly phlox								1	4	3	2	1	2.20	1.30		2	1	4	1	1	1.80	1.30		3	0	1	0	0	0.8	1.30		0	0	0	0	0	0.00	0.00	1.20
Erigonum umbulatum								0	0	0	0	0	0.00	0.00		0	1	0	1																				

Site 56																																SITE AVE
	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV				
Artemesia	13	10	17	13	6	11.80	4.09	12	5	10	8	3	7.60	3.65	11	3	11	10	3	7.6	4.22	13	6	15	11	7	10.40	3.85	9.35			
Bristlecone pine	0	0	0	0	0	0.00	0.00	6	7	5	5	9	6.40	1.67	0	0	0	0	0	0	0.00	0	0	0	0	0	0.00	0.00	1.60			
Limber pine	0	0	0	0	0	0.00	0.00	1	2	1	2	1	1.40	0.55	3	4	3	3	4	3.4	0.55	0	0	0	0	0	0.00	0.00	1.20			
Chrysothamnus v.	2	2	3	3	1	2.20	0.84	2	1	1	1	0	1.00	0.71	1	1	2	1	1	1.2	0.45	1	2	4	3	2	2.40	1.14	1.70			
prickly phlox	3	2	3	2	2	2.40	0.55	2	1	1	0	1	1.00	0.71	0	1	2	1	1	1	0.71	4	3	6	5	2	4.00	1.58	2.10			
Horkelia	0	1	3	0	1	1.00	1.22	1	1	2	1	0	1.00	0.71	4	5	1	4	5	3.8	1.64	0	1	2	1	1	1.00	0.71	1.70			
arenaria	1	1	2	2	1	1.40	0.55	1	1	1	1	1	1.00	0.00	0	1	3	3	2	1.8	1.30	2	1	2	6	2	2.60	1.95	1.70			
dead wood + duff	0	1	0	0	0	0.20	0.45	0	1	1	1	2	1.00	0.71	3	4	2	2	2	2.6	0.89	0	0	0	0	0	0.00	0.00	0.95			
grass	2	1	1	1	1	1.20	0.45	2	2	1	2	1	1.60	0.55	2	3	2	2	3	2.4	0.55	1	2	2	3	1	1.80	0.84	1.75			
Lenanthus	0	0	0	0	0	0.00	0.00	1	0	1	1	0	0.60	0.55	2	2	4	2	2	2.4	0.89	1	0	1	0	0	0.40	0.55	0.85			
TOTAL VEG	21	18	29	21	12	20.20	6.14	28	21	24	22	18	22.60	3.71	26	24	30	28	23	26.2	2.86	22	15	32	29	15	22.60	7.83	22.90			
total veg+nonveg 100 100 100 100 100 100.00								100 100 100 100 100 100.00								100 100 100 100 100 100.00								100 100 100 100 100 100.00								
PBR: Linanthus, senecio, potentilla, erigonum oval, Clokey daisy, ribes, purple penstamon																																
Site 57																																SITE AVE
	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV	TJ	LZ	GE	SD	AH	AVE	STDEV				
Bristlecone pine	27	20	11	45	35	27.60	13.15	10	10	12	10	20	12.40	4.34	4	5	4	3	5	4.2	0.84	13	14	19	11	14	14.20	2.95	14.60			
Limber pine	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	2	1	1	0	2	1.20	0.84	0.30			
Chrysothamnus v.	2	2	4	2	1	2.20	1.10	6	4	5	8	2	5.00	2.24	5	5	7	7	3	5.4	1.67	3	1	1	1	1	1.40	0.89	3.50			
artemesia	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0.00	0.00	0	0	1	0	0	0.2	0.45	0	0	0	0	0	0.00	0.00	0.05			
grass	1	1	1	1	1	1.00	0.00	2	1	1	6	2	2.40	2.07	1	1	1	2	3	1.6	0.89	0	1	1	1	1	0.80	0.45	1.45			
carpet (picolupine, c)	3	30	23	15	13	16.80	10.26	3	3	1	2	1	2.00	1.00	4	5	5	5	3	4.4	0.89	1	17	11	12	11	10.40	5.81	8.40			
dead wood + duff	5	4	3	1	3	3.20	1.48	8	10	8	10	9	9.00	1.00	4	7	3	4	3	4.2	1.64	12	11	7	13	12	11.00	2.35	6.85			
TOTAL VEG	38	57	42	64	53	50.80	10.71	29	28	27	36	34	30.80	3.96	18	23	21	21	17	20	2.45	31	45	40	38	41	39.00	5.15	35.15			
total veg+nonveg 100 100 100 100 100 100								103 100 100 100 100 100.6								101 100 100 100 100 100.2								100 100 100 100 100 100								
PBR: Linanthus, penstamon, prickly phlox, gold buttons, Clokey daisy																																
Site 58a																																SITE AVE
	TJ	LZ	GE	SD	AH	AVE	STDEV																									
grass (mult. Types)	65	55	40	65	62	57.40	10.55																									
TOTAL VEG	65	55	40	65	62	57.40	10.55																									
salt encrustations	27	21	12	25	27	22.40	6.31																									
Soil	8	24	48	10	11	20.20	16.77																									
TOTAL NONVEG	35	45	60	35	38	42.60	10.55																									
total veg+nonveg 100 100 100 100 100 100																																
PBR:																																

Data Repository 6. Vegetation analysis, central White-inyo Range, 2001

Site 60	Slope: 15		Aspect: 224		GPS E: 391654		GPS N: 4114450		GPS elev.: 4273	
	JD	LZ	IT	CV	AH	SJ	SD	GE	AVE	STDEV
Grayia	6	3	8	2	2	4	3	7	4.38	2.33
Atriplex (shadscale)	22	7	2	5	6	16	6	7	8.88	6.64
Psorothamnus	5	11	13	5	2	7	2	4	6.13	4.02
Tetradymia c.	14	5	3	3	6	2	8	1	5.25	4.20
Tetradymia a. L.	3	5	9	1	2	1	2	5	3.50	2.73
Ephedra n.	0	0	12	3	1	2	1	0	2.38	4.03
Chrysothamnus v.	4	13	2	4	2	9	2	5	5.13	3.94
Mojave aster	2	3	1	2	1	3	1	2	1.88	0.83
Cactus (beavertail)	0	0	1	1	0	0	0	0	0.25	0.46
K. lanata	1	0	0	1	0	0	0	0	0.25	0.46
Grass	1	2	0	1	0	1	1	1	0.88	0.64
Artemisia	1	1	0	2	1	0	1	6	1.50	1.93
TOTAL VEG	59	50	51	30	23	45	27	38	40.38	12.92
Dark Granodiorite	11	40	10	30	58	35	25	25	29.80	15.65
Soil	30	10	39	45	19	20	48	37	28.60	13.59
TOTAL NONVEG	41	50	49	75	77	55	73	62	58.40	13.59
<i>total veg+nonveg</i>	100	100	100	105	100	100	100	100	98.775	
<i>PBR: Desert Trumpet, oxytheca, Eriog. Inflatum</i>										
Site 61	Slope: 2		Aspect: 241		GPS E: 391598		GPS N: 414370		GPS elev.: 4220	
	JD	LZ	IT	CV	AH	SJ	SD	GE	AVE	STDEV
Grayia	1	0	8	4	1	2	3	10	3.63	3.58
Menadora s.	3	3	8	3	2	5	1	3	3.50	2.14
Atriplex (shadscale)	18	10	7	6	12	7	8	7	9.38	4.00
Psorothamnus	2	5	6	4	3	3	2	1	3.25	1.67
Tetradymia c.	16	14	7	6	6	17	15	6	10.88	5.03
Mojave aster	2	6	4	1	1	1	1	1	2.13	1.89
K. lanata	0	1	7	3	1	0	0	1	1.63	2.39
Artemisia	1	0	8	1	0	0	0	1	1.38	2.72
TOTAL VEG	43	39	55	28	26	35	30	30	35.75	9.68
Multi-lithologic Gravel	20	45	30	45	35	43	24	31	34.13	9.60
Soil	37	16	15	25	37	22	46	37	29.38	11.40
TOTAL NONVEG	57	61	45	70	72	65	70	68	63.50	9.02
<i>total veg+nonveg</i>	100	100	100	98	98	100	100	98	99.25	
<i>PBR: Desert Trumpet, Oxytheca</i>										
Site 62	Slope: 2		Aspect: 304		GPS E: 391598		GPS N: 4113518		GPS elev.: 4813	
	JD	LZ	IT	CV	AH	SJ	SD	GE	AVE	STDEV
Psorothamnus	13	9	6	6	11	8	8	6	8.38	2.56
Chrysothamnus v.	20	14	4	5	14	14	22	7	12.50	6.68
Ericameria cooperi	4	4	4	8	3	5	2	6	4.50	1.85
Atriplex (shadscale)	3	1	4	3	3	3	1	1	2.38	1.19
Mojave aster	1	1	1	2	2	3	1	1	1.50	0.76
Stephanomeria passiflora	0	0	1	1	1	1	0	1	0.63	0.52
Tetradymia a. L.	4	3	6	2	4	7	2	10	4.75	2.76
Tetradymia c.	3	1	4	1	1	1	0	1	1.50	1.31
Grayia	2	1	5	5	4	6	2	2	3.38	1.85
Menadora s.	3	7	5	5	2	7	2	4	4.38	2.00
Desert trumpet	0	0	0	1	0	0	0	0	0.13	0.35
TOTAL VEG	53	41	40	39	45	55	40	39	44.00	6.48
Stream gravel	27	46	55	40	45	25	40	39	39.63	9.86
Soil	20	13	5	20	10	20	20	22	16.25	6.16
TOTAL NONVEG	47	59	60	60	55	45	60	61	55.88	6.38
<i>total veg+nonveg</i>	100	100	100	99	100	100	100	100	99.875	
<i>PBR: Gumweed, artemesia, Oxytheca</i>										
Site 63	Slope: 32		Aspect: 248		GPS E: 394599		GPS N: 4113549		GPS elev.: 4815	
	JD	LZ	IT	CV	AH	SJ	SD	GE	AVE	STDEV
Psorothamnus	3	2	5	3	4	1	3	4	3.13	1.25
Chrysothamnus v.	4	2	4	4	3	4	5	13	4.88	3.40
Staphanomeria pauciflora	0	0	3	1	1	0	0	1	0.75	1.04
Tetradymia canescens	14	9	6	1	5	8	9	7	7.38	3.74
Annuals	1	2	2	6	2	3	2	1	2.38	1.60
Atriplex conf.(shadscale)	3	0	0	2	1	2	1	1	1.25	1.04
TOTAL VEG	25	15	20	17	16	18	20	27	19.75	4.27
Slope gravel	35	59	35	35	44	52	35	38	41.63	9.29

Soil	40	25	45	45	40	30	45		35	38.13	7.53
TOTAL NONVEG	75	84	80	80	84	82	80		73	79.75	3.96
<i>total veg+nonveg</i>	100	99	100	97	100	100	100		100	99.5	
<i>PBR: Desert trumpet, artemesia tri., menadora</i>											
Site 64	Slope: 20		Aspect: 68		GPS E: 394431		GPS N: 4113476		GPS elev.: 4844		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Menodora	3	3	2	1	2	4	2		2	2.38	0.92
K. lanata	1	2	2	1	3	1	2		1	1.63	0.74
Atriplex conf.(shadscale)	22	9	6	10	17	12	10		8	11.75	5.26
Mojave aster	1	2	2	2	1	2	1		1	1.50	0.53
Psorothamnus	5	6	2	8	3	6	3		4	4.63	2.00
Ephedra nevadensis	1	0	2	1	0	2	2		0	1.00	0.93
Tetradymia a. l.	15	6	7	12	6	11	2		7	8.25	4.13
Annuals	1	2	6	2	1	2	1		0	1.88	1.81
Grayia	0	1	0	1	0	0	0		1	0.38	0.52
Chrysothamnus v.	1	1	1	4	2	0	1		3	1.63	1.30
TOTAL VEG	50	32	30	42	35	40	24		27	35.00	8.60
Caliche Dolomite gravel	32	41	45	25	15	30	40		31	32.38	9.68
Soil	18	25	25	30	50	30	36		42	29.60	10.30
TOTAL NONVEG	50	66	70	55	65	60	76		73	61.20	8.93
<i>total veg+nonveg</i>	100	98	100	97	100	100	100		100	96.2	
<i>PBR: Bunchgrass Oxytgeca, Eriog. Inflatum</i>											
Site 65	Slope: 2		Aspect: 276		GPS E: 397292		GPS N: 4112151		GPS elev.: 5460		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Ephedra nevadensis	8	11	6	2	7	12	4		6	7.00	3.34
Psorothamnus	10	6	5	7	8	2	3		8	6.13	2.70
Menodora spinescens	4	10	3	8	5	12	6		7	6.88	3.04
Chrysothamnus v.	19	10	5	10	4	6	10		10	9.25	4.68
K. lanata	3	3	3	3	2	4	2		1	2.63	0.92
Atriplex conf.(shadscale)	8	1	5	3	3	2	2		2	3.25	2.25
Tetradymia a. l.	5	1	6	3	5	4	2		1	3.38	1.92
Bunchgrass	1	1	2	1	2	1	0		1	1.13	0.64
TOTAL VEG	58	43	35	37	36	43	29		36	39.63	8.68
Stream gravels	30	45	58	35	51	45	50		42	44.50	8.96
Soil	12	12	7	25	13	12	21		22	15.50	6.30
TOTAL NONVEG	42	57	65	60	64	57	71		64	60.00	8.62
<i>total veg+nonveg</i>	100	100	100	97	100	100	100		100	99.625	
<i>PBR: Stephanomeria pauciflora, Globe mallow, Gumweed, Grayia, mojave aster, eriog. Inflatum</i>											
Site 66	Slope: 5		Aspect: 227		GPS E: 397314		GPS N: 4112242		GPS elev.: 5474		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Menodora spinescens	15	16	7	8	11	9	15		10	11.38	3.50
Ephedra nevadensis	4	3	4	2	2	2	2		4	2.88	0.99
Grayia	6	5	6	4	4	3	3		6	4.63	1.30
Tetradymia canescens	2	1	8	2	1	5	2		2	2.88	2.42
Psorothamnus	5	7	6	6	6	3	2		3	4.75	1.83
Chrysothamnus v.	3	5	3	7	5	5	3		7	4.75	1.67
Atriplex conf.(shadscale)	3	2	4	4	2	3	2		2	2.75	0.89
Bunchgrass	2	1	2	1	2	2	1		2	1.63	0.52
TOTAL VEG	40	40	40	34	33	32	30		36	35.63	4.00
River and talus gravel	47	32	40	40	41	35	42		44	40.13	4.76
Soil	13	29	20	15	26	33	28		20	23.00	7.09
TOTAL NONVEG	60	61	60	55	67	68	70		64	63.13	5.03
<i>total veg+nonveg</i>	100	101	100	89	100	100	100		100	98.75	
<i>PBR: Beavertail cactus, mojave aster, globe mallow, K. lanata</i>											
Site 67	Slope: 28		Aspect: 318		GPS E: 400433		GPS N: 4111121		GPS elev.: 6280		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Tetradymia a. l.	5	6	4	5	5	4	3		1	4.13	1.55
Artemisia tridentata	3	2	1	1	2	2	1		1	1.63	0.74
Ephedra n.	15	17	6	10	8	10	8		8	10.25	3.81
Grayia	3	2	3	6	3	3	3		5	3.50	1.31
Chrysothamnus v.	4	3	4	6	2	1	3		7	3.75	1.98
Atriplex conf.(shadscale)	4	1	4	2	1	4	2		1	2.38	1.41
Psorothamnus	3	0	4	1	1	2	1		4	2.00	1.51
Bunchgrass	2	2	2	5	4	2	3		4	3.00	1.20
Annuals	2	1	2	1	1	2	1		1	1.38	0.52
TOTAL VEG	41	34	30	37	27	30	25		32	32.00	5.24
Reed and Wyman blocks	10	8	10	4	7	10	5		2	7.00	3.07
Scree gravels	30	40	50	35	50	40	45		36	40.75	7.19
Soil	19	18	10	20	16	20	25		30	19.75	5.92

TOTAL NONVEG	59	66	70	59	73	70	75		68	67.50	5.93
<i>total veg+nonveg</i>	100	100	100	96	100	100	100		100	99.5	
<i>PBR: Eriogonum oval., desert trumpet, prince's plume, menodora, ericameria cooperi, tetra. Can.</i>											
Site 68	Slope: 25		Aspect: 151		GPS E: 400465		GPS N: 4111115		GPS elev.: 6267		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Ephedra nevadensis	10	6	3	12	3	6	4		13	7.13	4.02
Menodora spinescens	6	8	6	8	2	5	6		2	5.38	2.33
Atriplex conf.(shadscale)	5	5	4	8	7	4	6		5	5.50	1.41
K. lanata	1	1	2	3	3	1	1		0	1.50	1.07
Psorothamnus	1	0	1	1	2	1	1		1	1.00	0.53
Grayia	3	1	7	4	3	2	3		2	3.13	1.81
Bunchgrass	2	4	4	3	3	3	3		2	3.00	0.76
Annuals	1	0	3	1	1	2	0		1	1.13	0.99
TOTAL VEG	29	25	30	40	24	24	24		26	27.75	5.47
Reed and Wyman blocks	5	5	5	3	5	8	3		5	4.88	1.55
Scree gravels	45	55	45	45	52	50	55		43	48.75	4.86
Soil	21	15	20	10	19	18	18		26	18.38	4.63
TOTAL NONVEG	71	75	70	58	76	76	76		74	72.00	6.12
<i>total veg+nonveg</i>	100	100	100	98	100	100	100		100	99.75	
<i>PBR: Prince's plume, desert trumpet (erog. Infl)</i>											
Site 69	Slope: 5		Aspect: 204		GPS E: 402894		GPS N: 4109257		GPS elev.: 6804		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Menodora	20	21	14	15	17	16	18		12	16.63	3.02
Ephedra nevadensis	3	5	6	7	2	4	2		6	4.38	1.92
Grayia	5	8	10	8	7	5	8		9	7.50	1.77
K. lanata	5	2	4	5	3	5	2		4	3.75	1.28
Bunchgrass	2	3	4	3	2	3	2		1	2.50	0.93
Chrysothamnus v.	1	1	1	2	1	1	0		0	0.88	0.64
Artemisia tridentata	1	2	2	4	0	5	1		0	1.88	1.81
Annuals	2	2	2	1	1	1	1		0	1.25	0.71
TOTAL VEG	39	44	43	45	33	40	34		32	38.75	5.18
Caliche Wyman pvmt	50	43	55	46	51	45	48		37	46.88	5.49
Soil	11	13	2	5	16	15	18		31	13.88	8.82
TOTAL NONVEG	61	56	57	51	67	60	66		68	60.75	5.99
<i>total veg+nonveg</i>	100	100	100	96	100	100	100		100	99.5	
<i>PBR: Eriog. Infl. (desert trumpet), artemisia spinescens</i>											
Site 70	Slope: 24		Aspect: 185		GPS E: 402924		GPS N: 4109310		GPS elev.: 6859		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Menodora spinescens	25	22	13	18	12	12	14		14	16.25	4.92
Ephedra nevadensis	4	8	2	7	3	8	4		10	5.75	2.87
Grayia	5	3	8	4	4	5	4		7	5.00	1.69
K. lanata	1	1	3	1	0	2	0		0	1.00	1.07
Bunchgrass	3	6	3	3	1	3	3		3	3.13	1.36
Chrysothamnus v.	0	0	0	0	0	0	0		0	0.00	0.00
Annuals	3	1	1	1	0	1	1		1	1.13	0.83
TOTAL VEG	41	41	30	34	20	31	26		35	32.25	7.17
Caliche Wyman pvmt	40	41	50	54	57	48	56		45	48.88	6.56
Soil	19	18	20	10	23	21	18		20	18.63	3.85
TOTAL NONVEG	59	59	70	64	80	69	74		65	67.50	7.27
<i>total veg+nonveg</i>	100	100	100	98	100	100	100		100	99.75	
<i>PBR: artemisia spinescens, erio. Inflatum</i>											
Site 71	Slope: 32		Aspect: 358		GPS E: 402919		GPS N: 4109075		GPS elev.: 6808		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Artemisia tridentata	24	17	13	15	14	12	18		13	15.75	3.92
P. monophylla (pinyon)	6	8	7	7	6	5	5		10	6.75	1.67
Ephedra nevadensis	2	2	2	1	1	1	2		2	1.63	0.52
Chrysothamnus v.	9	3	3	6	4	2	3		7	4.63	2.45
Ephedra viridis	3	2	2	3	2	3	2		4	2.63	0.74
Grass	1	1	3	1	2	0	0		1	1.13	0.99
TOTAL VEG	45	33	30	33	29	23	30		37	32.50	6.46
Caliche Wyman pvmt	40	57	50	45	57	55	46		46	49.50	6.30
Soil	15	13	20	21	14	22	24		17	18.25	4.06
TOTAL NONVEG	55	70	70	66	71	77	70		63	67.75	6.54
<i>total veg+nonveg</i>	100	103	100	99	100	100	100		100	100.25	
<i>PBR: Eriog. Ovalifolium, menodora spinescens</i>											
Site 72	Slope: 2		Aspect: 204		GPS E: 405949		GPS N: 4109317		GPS elev.: 7342		
	JD	LZ	IT	CV	AH	SJ	SD		GE	AVE	STDEV
Artemisia tridentata	24	19	20	25	20	26	20		22	22.00	2.67

Cordylanthus	4	5	8	3	3	4	2		2	3.88	1.96
Grass	4	6	6	4	5	3	3		3	4.25	1.28
Ephedra nevadensis	7	2	8	2	3	6	2		3	4.13	2.47
Chrysothamnus v.	9	3	3	4	4	2	3		4	4.00	2.14
TOTAL VEG	48	35	45	38	35	41	30		34	38.25	6.04
Caliche Wyman arg. pvm	40	51	43	34	45	40	50		48	43.88	5.79
Soil	12	14	12	25	20	19	20		18	17.50	4.54
TOTAL NONVEG	52	65	55	59	65	59	70		66	61.38	6.12
<i>total veg+nonveg</i>	100	100	100	97	100	100	100		100	99.625	
<i>PBR: Eriog. Ovalifolium, Mojave aster, globe mallow, cryptantha virgensis</i>											
Site 73	Slope:	18	Aspect:	0	GPS E:	40610	GPS N:	4109007	GPS elev.:	7364	
	JD	LZ	IT	CV	AH	SJ	SD	GE	AVE	STDEV	
Artemisia tridentata	26	25	12	30	19	20	20		19	21.38	5.50
Juniper	3	10	8	12	7	8	10		7	8.13	2.70
P. monophylla (pinyon)	8	12	12	7	8	7	9		11	9.25	2.12
Astragalus lent.	2	1	3	2	1	3	1		1	1.75	0.89
Sticky aster	2	1	3	1	1	1	1		1	1.38	0.74
Grass	3	2	5	4	2	2	1		2	2.63	1.30
Chrysothamnus v.	3	0	3	1	2	1	1		1	1.50	1.07
Cordylanthus	1	0	4	1	0	0	0		1	0.88	1.36
TOTAL VEG	48	51	50	58	40	42	43		43	46.88	6.01
Caliche Wyman arg. Pvm	33	29	24	30	35	34	35		43	32.88	5.54
Soil	19	20	26	10	25	24	22		14	20.00	5.58
TOTAL NONVEG	52	49	50	40	60	58	57		57	52.88	6.56
<i>total veg+nonveg</i>	100	100	100	98	100	100	100		100	99.75	
<i>PBR: Eriog. Ovalifolium, Phlox longifolia, K. lanata, Ephedra viridis, Chrysothamnus n.</i>											
Site 74	Slope:	18	Aspect:	0	GPS E:	40610	GPS N:	4109007	GPS elev.:	7364	
	JD	LZ	IT	CV	AH	SJ	SD	GE	AVE	STDEV	
Artemisia tridentata	28	17	20	14	14	14	22		21	18.75	4.98
Chrysothamnus v.	7	2	7	7	3	5	2		9	5.25	2.66
Grass	6	6	4	10	5	7	4		7	6.13	1.96
Menodora	1	1	1	2	1	1	0		1	1.00	0.53
Ephedra nevadensis	5	2	2	2	1	3	1		1	2.13	1.36
Globe mallow	1	0	1	1	1	0	1		0	0.63	0.52
TOTAL VEG	48	28	35	36	25	30	30		39	33.88	7.32
Caliche Wyman arg. Pvm	37	58	35	40	52	48	52		46	46.00	8.09
Soil	15	14	30	17	23	22	18		15	19.25	5.44
TOTAL NONVEG	52	72	65	57	75	70	70		61	65.25	8.00
<i>total veg+nonveg</i>	100	100	100	93	100	100	100		100	99.125	
<i>PBR: K. lanata, prickly pear cactus, grayia, astragalus coccineus, P. mono, Stanleya, astrag. Lent, Atriplex can?</i>											
Site 1	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD	GE	AVE	STDEV	
Grayia	21	18	13		13	20	14		12	16.25	3.95
Ephedra n.	10	8	11		6	8	5		8	8.75	2.22
Bunchgrass	1	2	2		1	1	0		1	1.50	0.58
Ericameria cooperi	1	1	1		1	1	1		1	1.00	0.00
Psorothamnus	5	3	5		1	3	1		2	3.50	1.91
K. lanata	2	3	4		4	2	1		1	3.25	0.96
Tetradymia a. L.	4	2	6		4	2	2		6	4.00	1.63
TOTAL VEG	44	37	42		30	37	24		31	38.25	6.24
									#DIV/0!	#DIV/0!	
Rock	16	21	16		13	25	6		11	16.50	3.32
Gravel	15	17	26		35	19	20		37	23.25	9.18
Soil	25	25	16		22	19	50		21	22.00	4.24
TOTAL NONVEG	56	63	58		70	63	76		69	61.75	6.24
<i>total veg+nonveg</i>	100	100	100		100	100	100		100	100	
<i>PBR: K. lanata, prickly pear cactus, grayia, astragalus coccineus, P. mono, Stanleya, astrag. Lent, Atriplex can?</i>											
Site 75	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD	GE	AVE	STDEV	
Tetradymia a. L.	3	1	5		1	5	5		7	2.50	1.91
Psorothamnus	6	4	8		4	4	2		4	5.50	1.91
K. lanata	5	3	6		6	5	4		2	5.00	1.41
Grass	1	3	2		2	2	3		3	2.00	0.82
Grayia	10	6	6		3	3	8		8	6.25	2.87
Chrysothamnus	3	2	10		1	3	2		9	4.00	4.08
Mojave aster	2	4	2		1	1	2		1	2.25	1.26
Ephedra n.	1	1	1		1	0	1		0	1.00	0.00
Stephanomeria ?	5	2	3		1	1	1		1	2.75	1.71
TOTAL VEG	36	26	43		18	24	28		35	30.75	11.00
									#DIV/0!	#DIV/0!	

Rock	24	38	30	31	30	16	18	30.75	5.74	
Gravel	15	12	17	8	30	14	26	13.00	3.92	
Soil	25	24	10	41	16	42	21	25.00	12.68	
TOTAL NONVEG	64	74	57	80	76	72	65	68.75	10.24	
<i>total veg+nonveg</i>	100	100	100	98	100	100	100	99.5		
PBR: <i>K. lanata, prickly pear cactus, grayia, astragalus coccineus, P. mono, Stanleya, astrag. Lent, Atriplex can?</i>										
Site 76	Slope: 33		Aspect: 220		GPS E:		GPS N:		GPS elev.:	
	JD	LZ	IT		AH	SJ	SD	GE	AVE	STDEV
Ericameria cooperi	3	5	6		5	6	7	7	4.75	1.26
Grass	2	5	1		3	3	2	6	2.75	1.71
Tetradymia a. L.	1	3	5		2	2	1	5	2.75	1.71
Grayia	2	1	4		1	2	2	6	2.00	1.41
Gumweed	1	1	2		1	1	2	1	1.25	0.50
Ephedra n.	1	0	2		1	2	1	0	1.00	0.82
TOTAL VEG	10	15	20		13	16	15	25	14.50	4.20
									#DIV/0!	#DIV/0!
Rock	75	50	60		78	59	45	45	65.75	13.12
Gravel	5	16	8		7	20	20	25	9.00	4.83
Soil	10	19	12		2	5	20	5	10.75	6.99
TOTAL NONVEG	90	85	80		87	84	85	75	85.50	4.20
<i>total veg+nonveg</i>	100	100	100		100	100	100	100	100	
PBR:										
Site 77	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
	JD	LZ	IT		AH	SJ	SD	GE	AVE	STDEV
Ephedra n.	8	8	8		8	8	5	3	8.00	0.00
Tetradymia a. L.	5	4	9		3	4	3	5	5.25	2.63
Grayia	10	2	7		2	4	6	7	5.25	3.95
Psorothamnus	5	3	3		4	2	3	4	3.75	0.96
Grass	2	6	2		3	3	3	4	3.25	1.89
Ericameria cooperi	3	2	4		2	2	1	2	2.75	0.96
K. lanata	1	1	2		1	2	0	1	1.25	0.50
TOTAL VEG	34	26	35		23	25	21	26	29.50	5.92
									#DIV/0!	#DIV/0!
Rock	45	47	34		11	25	20	35	34.25	16.52
Gravel	10	13	14		29	38	20	23	16.50	8.50
Soil	11	14	17		46	12	39	16	22.00	16.19
TOTAL NONVEG	66	74	65		86	75	79	74	72.75	9.71
<i>total veg+nonveg</i>	100	100	100		109	100	100	100	102.25	
PBR:										
Site 78	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
	JD	LZ	IT		AH	SJ	SD	GE	AVE	STDEV
Tetradymia a. L.	3				2	0	5	5	2.50	0.71
Ericameria cooperi	8				2	8	4	1	5.00	4.24
Ephedra n.	8				7	6	6	10	7.50	0.71
Grass	4				3	3	4	4	3.50	0.71
Psorothamnus	3				2	2	4	5	2.50	0.71
Grayia	5				4	4	2	5	4.50	0.71
TOTAL VEG	31	0	0		20	23	25	30	12.75	15.39
									#DIV/0!	#DIV/0!
Rock	25				53	35	35	31	39.00	19.80
Gravel	30				18	30	30	30	24.00	8.49
Soil	14				9	12	10	9	11.50	3.54
TOTAL NONVEG	69	0	0		80	77	75	70	37.25	43.25
<i>total veg+nonveg</i>	100	0	0		100	100	100	100	50	
PBR:										
Site 79	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
		LZ	IT						AVE	STDEV
Tetradymia Ax. Long.		2	4						3.00	1.41
Psorothamnus		4	4						4.00	0.00
Ericameria Cooperi		6	5						5.50	0.71
B. Grass		4	2						3.00	1.41
Ephedra Nev.		7	6						6.50	0.71
Grayia		1	4						2.50	2.12
TOTAL VEG		24	25						24.50	0.71
									#DIV/0!	#DIV/0!
Rock		50	50						50.00	0.00
Gravel		18	15						16.50	2.12
Soil		6	10						8.00	2.83
TOTAL NONVEG		74	75						74.50	0.71
<i>total veg+nonveg</i>		98	100						99	
PBR:										
Site 80	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	

	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
K. lanata	1	0	4		1	2	2		0	1.50	1.73
Grayia	8	12	7		4	5	3		8	7.75	3.30
Artemisia s.	4	6	3		2	3	1		2	3.75	1.71
Ephedra n.	7	12	7		6	8	7		9	8.00	2.71
Ericameria cooperi	10	5	4		11	9	8		7	7.50	3.51
Grass	1	4	5		1	1	2		1	2.75	2.06
TOTAL VEG	31	39	30		25	28	23		27	31.25	5.80
									#DIV/0!	#DIV/0!	
Rock	2	4	7		3	20	2		2	4.00	2.16
Gravel	35	32	28		51	18	40		36	36.50	10.08
Soil	32	22	35		21	34	35		35	27.50	7.05
TOTAL NONVEG	69	58	70		75	72	77		73	68.00	7.16
<i>total veg+nonveg</i>	<i>100</i>	<i>97</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>99.25</i>	
PBR:											
Site 81	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Grayia	17	9	15		10	6	10		8	12.75	3.86
Ericameria cooperi	9	8	3		8	7	6		4	7.00	2.71
Ephedra n.	3	7	4		4	13	6		9	4.50	1.73
Tetradymia a. L.	3	6	5		3	3	4		7	4.25	1.50
Grass	1	2	2		2	2	2		2	1.75	0.50
K. lanata	2	0	1		1	2	1		0	1.00	0.82
Artemisia s.	3	1	4		1	2	0		2	2.25	1.50
Psoralea	1	0	1		0	1	1		0	0.50	0.58
TOTAL VEG	39	33	35		29	36	30		32	34.00	4.16
									#DIV/0!	#DIV/0!	
Rock	4	8	3		5	15	2		3	5.00	2.16
Gravel	35	34	27		48	35	40		24	36.00	8.76
Soil	22	25	35		18	14	28		41	25.00	7.26
TOTAL NONVEG	61	67	65		71	64	70		68	66.00	4.16
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
PBR:											
Site 82	Slope: 26		Aspect: 135		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
K. lanata	1	0	1		1	1	1		0	0.75	0.50
Ephedra n.	9	5	8		6	5	10		10	7.00	1.83
Grass	3	7	4		5	3	6		3	4.75	1.71
Ericameria cooperi	12	11	8		6	7	8		9	9.25	2.75
Grayia	6	7	5		4	3	6		4	5.50	1.29
Tetradymia a. L.	1	2	4		2	4	3		4	2.25	1.26
TOTAL VEG	32	32	30		24	23	34		30	29.50	3.79
									#DIV/0!	#DIV/0!	
Rock	25	25	25		12	25	20		12	21.75	6.50
Gravel	25	28	35		35	35	31		38	30.75	5.06
Soil	18	19	10		29	17	15		20	19.00	7.79
TOTAL NONVEG	68	72	70		76	77	66		70	71.50	3.42
<i>total veg+nonveg</i>	<i>100</i>	<i>104</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>101</i>	
PBR:											
Site 83	Slope: 31		Aspect: 270		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Ephedra n.	2	1	3		1	1	2		2	1.75	0.96
Psoralea	10	3	4		7	7	7		9	6.00	3.16
Grass	3	5	2		1	2	2		3	2.75	1.71
K. lanata	1	3	2		1	0	0		0	1.75	0.96
Stephanomeria ?	2	1	2		2	2	2		1	1.75	0.50
Grayia	1	1	2		2	3	1		4	1.50	0.58
TOTAL VEG	19	14	15		14	15	14		19	15.50	2.38
									#DIV/0!	#DIV/0!	
Outcrop	1	2	3		2	5	1		2	2.00	0.82
Skree	70	72	67		70	70	75		69	69.75	2.06
Soil	10	12	15		14	10	10		10	12.75	2.22
TOTAL NONVEG	81	86	85		86	85	86		81	84.50	2.38
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
PBR:											
Site 84	Slope: 12		Aspect: 225		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Pinyon pine	25	43	22		26	32	30		20	29.00	9.49
Artemisia tridentata	10	7	5		5	10	12		9	6.75	2.36
Grass	1	0	1		1	1	0		0	0.75	0.50
TOTAL VEG	36	50	28		32	43	42		29	36.50	9.57
									#DIV/0!	#DIV/0!	

Rock	5	5	27		2	10	3		3	9.75	11.59
Gravel	36	35	30		39	31	40		52	35.00	3.74
Soil	23	10	15		27	16	15		16	18.75	7.68
TOTAL NONVEG	64	50	72		68	57	58		71	63.50	9.57
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
<i>PBR:</i>											
Site 85	Slope:	10	Aspect:	305	GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Pinyon pine	51	38	50		35	40	28		24	43.50	8.19
Artemisia tridentata	3	3	2		2	6	4		7	2.50	0.58
Ephedra viridis	0	0	1		1	1	0		0	0.50	0.58
Dead wood	1	1	1		1	1	0		1	1.00	0.00
TOTAL VEG	55	42	54		39	48	32		32	47.50	8.19
										#DIV/0!	#DIV/0!
Rock	3	6	2		2	8	3		7	3.25	1.89
Gravel	30	40	34		36	24	45		51	35.00	4.16
Soil	12	12	10		23	20	20		10	14.25	5.91
TOTAL NONVEG	45	58	46		61	52	68		68	52.50	8.19
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>0</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
<i>PBR:</i>											
Site 86	Slope:	16	Aspect:	195	GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Artemisia	15	16	20		12	17	16		9	15.75	3.30
Bunchgrass	9	7	6		5	7	6		15	6.75	1.71
Chrysothamnus	4	3	6		7	6	2		2	5.00	1.83
Prickly Phlox	2	0	1		1	1	1		1	1.00	0.82
Ephedra viridis	2	2	6		2	2	2		4	3.00	2.00
Pinyon pine	2	2	5		2	3	2		2	2.75	1.50
Annuals	1	1	1		0	0	0		0	0.75	0.50
TOTAL VEG	35	31	45		29	36	29		33	35.00	7.12
										#DIV/0!	#DIV/0!
Rock	2	3	3		11	15	3		11	4.75	4.19
Skree	43	47	45		38	25	48		40	43.25	3.86
Soil	20	19	7		12	24	20		14	14.50	6.14
TOTAL NONVEG	65	69	55		61	64	71		65	62.50	5.97
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>90</i>	<i>100</i>	<i>100</i>		<i>98</i>	<i>97.5</i>	
<i>PBR:</i>											
Site 87	Slope:	33	Aspect:	180	GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Artemisia	10	8	10		8	12	14		17	9.00	1.15
Grayia	7	3	8		6	4	2		5	6.00	2.16
Chrysothamnus	3	2	2		3	4	2		3	2.50	0.58
Ephedra viridis	2	4	4		4	2	4		5	3.50	1.00
Pinyon pine	4	7	3		5	4	4		3	4.75	1.71
Grass	2	1	2		1	1	1		1	1.50	0.58
Annuals	1	0	1		0	0	1		0	0.50	0.58
TOTAL VEG	29	25	30		27	27	28		34	27.75	2.22
										#DIV/0!	#DIV/0!
Rock	3	1	1		2	5	1		4	1.75	0.96
Gravel	51	45	60		46	43	53		51	50.50	6.86
Soil	17	21	9		25	25	18		11	18.00	6.83
TOTAL NONVEG	71	67	70		73	73	72		66	70.25	2.50
<i>total veg+nonveg</i>	<i>100</i>	<i>92</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>98</i>	
<i>PBR:</i>											
Site 88	Slope:	30	Aspect:	335	GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Artemisia	6	2	3		3	8	4			3.50	1.73
Pinyon pine	35	22	35		29	32	50			30.25	6.18
Ephedra viridis	4	2	1		2	3	1			2.25	1.26
Chrysothamnus	2	1	2		1	1	0			1.50	0.58
Duff	5	9	4		2	2	10			5.00	2.94
TOTAL VEG	52	36	45		37	46	65		0	42.50	7.51
										#DIV/0!	#DIV/0!
Rock	2	4	5		3	8	3			3.50	1.29
Gravel	26	20	20		31	26	22			24.25	5.32
Soil	20	40	30		29	20	10			29.75	8.18
TOTAL NONVEG	48	64	55		63	54	35		0	57.50	7.51
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>0</i>	<i>100</i>	
<i>PBR:</i>											
Site 89	Slope:	13	Aspect:	225	GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD		GE	AVE	STDEV
Artemisia	32	24	20		16	25	16		22	23.00	6.83

Ephedra viridis	2	3	4	2	3	4	5	2.75	0.96	
Chrysothamnus	1	1	6	4	1	1	4	3.00	2.45	
TOTAL VEG	35	28	30	22	29	21	31	28.75	5.38	
								#DIV/0!	#DIV/0!	
Rock	5	2	1	2	4	2	8	2.50	1.73	
Skree Gravel	45	47	45	58	40	62	49	48.75	6.24	
Soil	15	23	24	18	27	15	12	20.00	4.24	
TOTAL NONVEG	65	72	70	78	71	79	69	71.25	5.38	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	
PBR:										
Site 90	Slope: 22	Aspect: 310		GPS E:			GPS N:		GPS elev.:	
	JD	LZ	IT	AH	SJ	SD	GE	AVE	STDEV	
Ephedra viridis	3	5	4	3	5	4	6	3.75	0.96	
Prickly Phlox	1	0	2	0	1	1	1	0.75	0.96	
Artemisia	25	20	26	21	17	25	28	23.00	2.94	
Chrysothamnus	4	2	6	7	4	2	4	4.75	2.22	
Eriogonum ovalifolium (b)	1	1	1	1	0	1	1	1.00	0.00	
Grass	3	3	1	2	1	2	0	2.25	0.96	
TOTAL VEG	37	31	40	34	28	35	40	35.50	3.87	
								#DIV/0!	#DIV/0!	
Rock	20	27	20	25	22	25	10	23.00	3.56	
Skree	33	35	35	30	35	30	40	33.25	2.36	
Soil	10	10	5	11	15	10	10	9.00	2.71	
TOTAL NONVEG	63	72	60	66	72	65	60	65.25	5.12	
<i>total veg+nonveg</i>	<i>100</i>	<i>103</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100.75</i>	<i>100.75</i>	
PBR:										
Site 91	Slope: 15	Aspect: 160		GPS E:			GPS N:		GPS elev.:	
	JD	LZ	IT	AH	SJ	SD	GE	AVE	STDEV	
Artemisia	25	24	17	20	22	13	25	21.50	3.70	
Grass	1	1	1	1	1	0	1	1.00	0.00	
Pinyon pine	1	1	2	1	1	1	2	1.25	0.50	
Prickly Phlox	1	1	1	3	1	1	1	1.50	1.00	
Ephedra viridis	7	4	4	1	4	6	3	4.00	2.45	
Chrysothamnus	0	1	5	1	0	0	1	1.75	2.22	
TOTAL VEG	35	32	30	27	29	21	33	31.00	3.37	
								#DIV/0!	#DIV/0!	
Rock	5	7	5	5	20	10	12	5.50	1.00	
Gravel	25	39	35	42	20	49	40	35.25	7.41	
Soil	35	21	30	26	31	20	15	28.00	5.94	
TOTAL NONVEG	65	67	70	73	71	79	67	68.75	3.50	
<i>total veg+nonveg</i>	<i>100</i>	<i>99</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>99.75</i>	<i>99.75</i>	
PBR:										
Site 92	Slope: 20	Aspect: 300		GPS E:			GPS N:		GPS elev.:	
	JD	LZ	IT	AH	SJ	SD	GE	AVE	STDEV	
Mountain Mahogany	14	11	14	15	15	12	6	13.50	1.73	
Pinyon pine	5	10	8	11	13	8	5	8.50	2.65	
Artemisia	18	13	14	8	12	18	23	13.25	4.11	
Sulphur Buckwheat	1	0	1	1	0	0	1	0.75	0.50	
Ephedra viridis	6	1	1	3	4	4	3	2.75	2.36	
Chrysothamnus	3	1	2	2	4	2	3	2.00	0.82	
TOTAL VEG	47	36	40	40	48	44	41	40.75	4.57	
								#DIV/0!	#DIV/0!	
Rock	16	20	10	9	24	16	15	13.75	5.19	
Skree	20	26	40	16	17	20	28	25.50	10.50	
Soil	17	18	10	35	11	20	16	20.00	10.61	
TOTAL NONVEG	53	64	60	60	52	56	59	59.25	4.57	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	
PBR:										
Site 93	Slope: 25	Aspect: 230		GPS E:			GPS N:		GPS elev.:	
	JD	LZ	IT	AH	SJ	SD	GE	AVE	STDEV	
Artemisia	27	28	25	11	22	14	20	22.75	7.93	
Bunchgrass	4	7	2	8	6	6	3	5.25	2.75	
Pinyon pine	1	1	1	1	1	1	1	1.00	0.00	
Chrysothamnus	3	1	1	3	2	2	4	2.00	1.15	
Prickly Phlox	1	1	1	1	2	1	1	1.00	0.00	
Ephedra viridis	2	1	5	1	2	1	3	2.25	1.89	
TOTAL VEG	38	39	35	25	35	25	32	34.25	6.40	
								#DIV/0!	#DIV/0!	
Rock	10	2	2	1	5	2	12	3.75	4.19	
Skree	42	36	33	58	40	58	46	42.25	11.15	
Soil	10	23	30	16	20	15	10	19.75	8.66	
TOTAL NONVEG	62	61	65	75	65	75	68	65.75	6.40	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	

PBR:											
Site 94	Slope: 12		Aspect: 280		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT		AH	SJ	SD	GE	AVE	STDEV	
Sulphur Buckwheat	2	2	3		2	3	1		2.25	0.50	
Prickly Phlox (Linanthus r	1	1	2		1	1	1		1.25	0.50	
Chrysothamnus	2	3	4		4	4	2		3.25	0.96	
Pinyon pine	4	4	2		4	4	3		3.50	1.00	
Grass	7	6	4		15	8	13		8.00	4.83	
Artemisia	15	25	26		12	12	18		19.50	7.05	
Ephedra viridis	1	2	4		1	3	2		2.00	1.41	
TOTAL VEG	32	43	45		39	35	40		39.75	5.74	
									#DIV/0!	#DIV/0!	
Rock	1	1	1		0	3	1		0.75	0.50	
Gravel	47	32	24		38	32	34		35.25	9.71	
Soil	20	24	30		23	30	25		24.25	4.19	
TOTAL NONVEG	68	57	55		61	65	60		60.25	5.74	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>		
PBR:											
Site 95	Slope: 20		Aspect: 160		GPS E: 387165		GPS N: 4154103		GPS elev.: 9630		
	JD	LZ	IT					GE	AVE	STDEV	
Artemisia	25	20	20					19	21.67	2.89	
Chrysothamnus	3	3	5					3	3.67	1.15	
Ephedra viridis	2	3	3					5	2.67	0.58	
Grass	2	3	2					3	2.33	0.58	
Eriogonum ovalifolium (b)	1	0	1					1	0.67	0.58	
Prickly Phlox (Linanthus r	2	1	1					1	1.33	0.58	
TOTAL VEG	35	30	32					32	32.33	2.52	
									#DIV/0!	#DIV/0!	
Blocks	15	17	8					22	13.33	4.73	
Skree	39	38	35					31	37.33	2.08	
Soil	11	15	25					15	17.00	7.21	
TOTAL NONVEG	65	70	68					68	67.67	2.52	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>					<i>100</i>	<i>100</i>		
PBR: Gold Buttons (Erigeron aphanactis), sulphur buckwheat (Eriogonum umbellatum), sego lily, paintbrush, pink annuals											
Site 96	Slope: 15		Aspect: 40		GPS E: 387148		GPS N: 4154327		GPS elev.: 9664		
	JD	LZ	IT					GE	AVE	STDEV	
Artemisia	20	27	15					21	20.67	6.03	
Sulphur buckwheat (Eriog	2	2	1					2	1.67	0.58	
Prickly Phlox (Linanthus r	2	1	4					3	2.33	1.53	
Eriogonum heermannii ar	2	0	1					0	1.00	1.00	
Arenaria kingii ceompacta	5	10	1					4	5.33	4.51	
Grass	5	3	2					5	3.33	1.53	
TOTAL VEG	36	43	24					35	34.33	9.61	
									#DIV/0!	#DIV/0!	
Blocks	20	12	10					20	14.00	5.29	
Skree	32	31	36					30	33.00	2.65	
Soil	12	14	30					15	18.67	9.87	
TOTAL NONVEG	64	57	76					65	65.67	9.61	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>					<i>100</i>	<i>100</i>		
PBR: Purple aster (Erigeron clokeyi), Eriogonum rubrum, Eriogonum ovalifolium, Hymenoxys cooperi, chrysothamnus, purple trumpet, sego lily, cordylanthus											
Site 97	Slope: 0		Aspect: n/a		GPS E: 387191		GPS N: 4154539		GPS elev.: 9531		
	JD	LZ	IT					GE	AVE	STDEV	
Artemisia	21	27	28					26	25.33	3.79	
Prickly Phlox (Linanthus r	7	4	1					5	4.00	3.00	
Sulphur buckwheat (Eriog	2	2	4					3	2.67	1.15	
Cordylanthus	2	1	1					1	1.33	0.58	
Grass	10	7	5					6	7.33	2.52	
Chrysothamnus	1	1	1					1	1.00	0.00	
TOTAL VEG	43	42	40					42	41.67	1.53	
									#DIV/0!	#DIV/0!	
Skree	10	32	40					34	27.33	15.53	
Soil	47	26	20					24	31.00	14.18	
TOTAL NONVEG	57	58	60					58	58.33	1.53	
<i>total veg+nonveg</i>	<i>100</i>	<i>100</i>	<i>100</i>					<i>100</i>	<i>100</i>		
PBR: sego lily, Astragalus coccineus, Eriogonum ovalifolium, Erigeron clokeyi, Astragalus oophorus											
Site 98	Slope: 25		Aspect: 120		GPS E: 387155		GPS N: 4154875		GPS elev.: 9518		
	JD	LZ	IT					GE	AVE	STDEV	
Mountain Mahogany (Cer	21	26	25					20	24.00	2.65	
Artemisia	22	23	15					21	20.00	4.36	
Eriogonum heermannii ar	1	0	2					1	1.00	1.00	
Chrysothamnus	1	1	2					3	1.33	0.58	

Grass	1	0	1					0	0.67	0.58
TOTAL VEG	46	50	45					45	47.00	2.65
									#DIV/0!	#DIV/0!
Blocks	2	2	2					15	2.00	0.00
Skree	22	25	23					21	23.33	1.53
Soil	30	23	30					19	27.67	4.04
TOTAL NONVEG	54	50	55					55	53.00	2.65
<i>total veg+nonveg</i>	100	100	100					100	100	
<i>PBR: Cordylanthus, annuals, Eriogonum ovalifolium, Sulphur buckwheat Eriogonum umbellatum)</i>										
Site 99	Slope: 15		Aspect: 270	GPS E: 387270	GPS N: 4154568			GPS elev.: 9586		
	JD	LZ	IT					GE	AVE	STDEV
Salvia doorrii	6	3	12					6	7.00	4.58
Artemisia	21	26	10					24	19.00	8.19
Sulphur buckwheat (Eriog)	2	2	2					3	2.00	0.00
Cordylanthus	7	6	3					1	5.33	2.08
Grass	5	4	2					2	3.67	1.53
Ephedra viridis	3	3	2					1	2.67	0.58
Chrysothamnus	5	4	3					4	4.00	1.00
Prickly Phlox (Linanthus r	1	0	1					0	0.67	0.58
TOTAL VEG	50	48	35					41	44.33333	8.14
									#DIV/0!	#DIV/0!
Skree	23	34	25					30	27.33	5.86
Soil	27	18	40					29	28.33	11.06
TOTAL NONVEG	50	52	65					59	55.66667	8.14
<i>total veg+nonveg</i>	100	100	100					100	100	
<i>PBR: Arenaria kingii, Cryptantha flavoculata, Tetradyimia canescens, Astragalus coccineus</i>										
Site 100	Slope: 15		Aspect: 7	GPS E: 387442	GPS N: 4154664			GPS elev.: 9705		
	JD	LZ	IT					GE	AVE	STDEV
Artemisia	24	15	22					22	20.33	4.73
Lupinus argentus	2	1	2					1	1.67	0.58
Chrysothamnus	4	3	1					2	2.67	1.53
Sulphur buckwheat (Eriog)	2	0	1					1	1.00	1.00
Paintbrush	1	1	1					1	1.00	0.00
Arenaria kingii	1	1	1					1	1.00	0.00
Grass	4	1	3					2	2.67	1.53
Ephedra viridis	2	2	2					1	2.00	0.00
May daisy	1	3	2					2	2.00	1.00
TOTAL VEG	41	27	35					33	34.33	7.02
									#DIV/0!	#DIV/0!
Skree	35	39	25					30	33.00	7.21
Soil	24	34	40					37	32.67	8.08
TOTAL NONVEG	59	73	65					67	66	7.02
<i>total veg+nonveg</i>	100	100	100					100	100.3333	
<i>Crepis intermedia, sego lily, Hymenoxys cooperi, Eriogonum ovalifolium, Cordylanthus sp., Cryptantha flavoculata</i>										
<i>Erigeron clokeyi, snowball, Tetradyimia canescens</i>										
Site 101	Slope: 15		Aspect: 335	GPS E: 387837	GPS N: 4154953			GPS elev.: 9797		
	JD	LZ	IT					GE	AVE	STDEV
Artemisia	15	14	22					21	17.00	4.36
Sulphur buckwheat (Eriog)	2	1	1					2	1.33	0.58
Grass	6	6	2					3	4.67	2.31
Arenaria kingii	4	4	1					4	3.00	1.73
Paintbrush	1	1	1					0	1.00	0.00
Snowberry (Symphoricar	1	1	1					0	1.00	0.00
TOTAL VEG	29	27	28					30	28.00	1.00
									#DIV/0!	#DIV/0!
Rock	26	12	5					32	14.33	10.69
Skree	35	46	50					20	43.67	7.77
Soil	10	15	17					18	14.00	3.61
TOTAL NONVEG	71	73	72					70	72.00	1.00
<i>total veg+nonveg</i>	100	100	100					100	100	
<i>PBR: Eriogonum umbellatum Torr var. versicolor, Erigeron clokeyi, Hymenoxys cooperi, purple bush, Chrysothamnus, sego lily, Cordylanthus, Er</i>										
Site 102	Slope: 20		Aspect: SE	GPS E: 388038	GPS N: 4154582			GPS elev.: 10160		
	JD	LZ	IT					AVE	STDEV	
Leptodactylon pungens	11	4	4					6.33	4.04	
Sulphur buckwheat (Eriog)	5	2	2					3.00	1.73	
Erigeron clokeyi	3	2	4					3.00	1.00	
Arenaria kingii	6	5	2					4.33	2.08	
Grass	4	3	3					3.33	0.58	
Artemisia	9	10	14					11.00	2.65	
Monardella odoratissima	1	1	1					1.00	0.00	
TOTAL VEG	39	27	30					32.00	6.24	
									#DIV/0!	#DIV/0!
Rock	15	11	25					17.00	7.21	

Skree	35	45	40								40.00	5.00
Soil	11	17	5								11.00	6.00
TOTAL NONVEG	61	73	70								68.00	6.24
total veg+nonveg	100	100	100								100	
PBR: Paintbrush, Purple trumpet, Eriogonum umbellatum Torr var. versicolor, Eriogonum ovalifolium												
Site 20 A	Slope: 10		Aspect: 280		GPS E:			GPS N:		GPS elev.:		
	JD	LZ	IT					GE	AVE	STDEV		
Grayia	5	4	7					8	5.33	1.53		
Atriplex	12	4	6					4	7.33	4.16		
Ephedra n.	1	1	1					1	1.00	0.00		
Psorothamnus	5	4	7					7	5.33	1.53		
Desert Trumpet (Eriogon)	1	1	1					0	1.00	0.00		
Tetradymia a. L.	5	4	7					2	5.33	1.53		
Grass	1	1	1					0	1.00	0.00		
TOTAL VEG	30	19	30					22	26.33	6.35		
									#DIV/0!	#DIV/0!		
Gravel	60	66	55					59	60.33	5.51		
Soil	10	15	15					19	13.33	2.89		
TOTAL NONVEG	70	81	70					78	73.67	6.35		
total veg+nonveg	100	100	100					100	100			
PBR: Mojave aster, Chrysothamnus, cholla												
Site 103	Slope: 5		Aspect: 240		GPS E: 390613			GPS N: 4115900		GPS elev.: 4250		
	JD	LZ	IT	CV	SD			SC	GE	AVE	STDEV	
Ephedra nevadensis	5	6	7	7	4			7	5	5.86	1.21	
Desert Alyssum	3	4	2	2	2			2	1	2.29	0.95	
Artemisia s.	3	4	5	2	1			2	2	2.71	1.38	
Psorothamnus	4	2	6	7	1			3	3	3.71	2.14	
Atriplex	4	3	3	2	4			2	3	3.00	0.82	
Mojave Aster	1	1	1	2	1			2	1	1.29	0.49	
Tetradymia c.	7	2	3	5	4			2	8	4.43	2.37	
Tetradymia a. L.	1	0	1	1	0			1	0	0.57	0.53	
Menadora s.	2	2	2	1	1			1	1	1.43	0.53	
TOTAL VEG	30	24	30	29	18	0	0	22	24	19.67	11.83	
Wyman argillite pavemen	30	46	35	35	37			35	35	36.14	4.85	
Soil	40	30	35	35	45			35	41	37.29	4.99	
TOTAL NONVEG	70	76	70	70	82	0	0	70	76	57.11	32.64	
total veg+nonveg	100	100	100	99	100	0	0	92	100	76.7778		
PBR: Chrysothamnus pub., Oxytheca, Globe Mallow (sphaleria), Desert Trumpet, Mojave Aster, Desert Alyssum												
Site 47 A	Slope: 5		Aspect: 240		GPS E: 391634			GPS N: 4116905		GPS elev.: 4653		
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV	
Psorothamnus	5	5	5	3	3			2	12	4	4.88	3.09
Chrysothamnus v.	1	1	2	1	0			1	2	1	1.13	0.64
Atriplex	6	5	5	5	6			5	4	6	5.25	0.71
Chrysothamnus p.	3	2	3	4	2			2	3	2.63	0.74	
Menadora s.	2	0	1	1	0			1	3	1	1.13	0.99
Happlopapus	1	1	2	3	1			1	2	1	1.50	0.76
Artemisia s.	2	2	1	2	1			1	5	1	1.88	1.36
Grass	3	1	1	1	2			1	1	2	1.50	0.76
TOTAL VEG	23	17	20	20	15	0	14	31	19	17.67	8.31	
Caliche Wyman argillite s	50	55	50		56			50	35	40	48.00	7.72
Soil	27	28	30		29			36	30	41	31.57	5.06
TOTAL NONVEG	77	83	80	0	85	0	86	65	81	61.89	35.62	
total veg+nonveg	100	100	100	20	100	0	100	96	100	79.5556		
PBR: Ephedra nevadensis, Oxytheca, Globe mallow (Sphaleria), K.Lanata, Tetradymia Axillaris long./Consescens, Chrysothamnus P.												
Site 104	Slope: 10		Aspect: 102		GPS E: 393062			GPS N: 4117675		GPS elev.: 5109		
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV	
Menadora s.	5	6	4	5	5	6	4	6	3	4.89	1.05	
Psorothamnus	6	4	3	5	5	5	3	3	5	4.33	1.12	
Bunchgrass	3	2	2	1	1	1	1	2	1	1.56	0.73	
Grayia	1	1	2	1	0	2	1	1	2	1.22	0.67	
Atriplex canescens (popc	5	3	4	12	7	4	5	3	4	5.22	2.82	
Artemisia s.	1	1	1	2	0	1	1	1	1	1.00	0.50	
Ephedra n.	4	4	3	4	2	3	4	2	2	3.11	0.93	
Atriplex conf. (Shadscale	1	1	4	4	2	6	1	3	2	2.67	1.73	
Happlopapus (Ericameria	1	1	1	3	1	3	1	3	1	1.67	1.00	
Chrysothamnus v.	1	0	1	1	0	1	0	1	1	0.67	0.50	
TOTAL VEG	28	23	25	38	23	32	21	25	22	26.33	5.52	
Wyman argillite rocks	3	2	6	3	3	2	3	5	5	3.56	1.42	
scree	49	56	40	35	56	46	56	35	50	47.00	8.62	
Soil	20	19	29	16	18	20	20	10	23	19.44	5.10	

TOTAL NONVEG	72	77	75	54	77	68	79	50	78	70.00	10.79
<i>total veg+nonveg</i>	100	100	100	92	100	100	100	75	100	96.33333	
<i>PBR: Oxytheca, Tetradymia axillaris longispina, Beavertail Cactus, Artemisia Spinescens</i>											
Site 105	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV
Chrysothamnus v.	3	1	1	2	2	3	2	2	1	1.89	0.78
Chrysothamnus p.	5	6	4	5	7	4	7	3	2	4.78	1.72
Happlopapus (Ericameria)	6	4	5	6	4	4	3	3	7	4.67	1.41
Oxythaca	2	1	1	2	0	1	1	2	1	1.22	0.67
Menadora s.	2	4	3	2	2	3	2	4	4	2.89	0.93
Ephedra n.	5	6	3	5	5	3	6	2	4	4.33	1.41
Grayia	1	1	4	3	3	3	2	1	0	2.00	1.32
Psorothamnus	3	2	1	1	1	1	2	1	1	1.44	0.73
Atriplex conf. (Shadscale)	3	1	4	2	4	3	2	2	4	2.78	1.09
TOTAL VEG	30	26	26	28	28	25	27	20	24	26.00	2.87
Wyman argillite blocks	2	1	1	1	2	2	2	5	4	2.22	1.39
Scree	53	53	53	50	54	36	55	35	52	49.00	7.78
Soil	15	20	20	17	16	37	16	15	19	19.44	6.88
TOTAL NONVEG	70	74	74	68	72	75	73	55	75	70.67	6.32
<i>total veg+nonveg</i>	100	100	100	96	100	100	100	75	99	96.66667	
<i>PBR: Globe mallow (sphaorea), artimesia spinescens, beavertail cactus, eriogonum sp., wild onion, oxytheca, Paintbrush</i>											
Site 48 A	Slope: 10		Aspect: 252		GPS E: 394456		GPS N: 4118911		GPS elev.: 5836		
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV
K. lanata	1	2	1	2	2	4	1	1	1	1.67	1.00
Chrysothamnus p.	2	5	4	6	5	5	5	3	4	4.33	1.22
Happlopapus (Ericameria)	5	2	4	4	4	5	3	2	5	3.78	1.20
Grayia	4	3	3	3	3	2	1	1	3	2.56	1.01
Menadora s.	3	6	4	7	4	4	4	5	5	4.67	1.22
Bunchgrass	5	3	4	5	3	4	4	5	3	4.00	0.87
Ephedra n.	7	4	3	5	2	4	6	2	3	4.00	1.73
Psorothamnus	2	0	1	1	2	0	2	2	0	1.11	0.93
Artemisia	1	0	2	1	1	0	0	1	1	0.78	0.67
Chrysothamnus v.	1	1	2	1	1	1	2	1	2	1.33	0.50
TOTAL VEG	31	26	28	35	27	29	28	23	27	28.22	3.35
Quartzite rocks	3	3	1	2	5	3	4	5	4	3.33	1.32
Scree	51	51	51	45	55	45	50	40	50	48.67	4.50
Soil	15	20	20	15	13	23	18	15	19	17.56	3.24
TOTAL NONVEG	69	74	72	62	73	71	72	60	73	69.56	5.08
<i>total veg+nonveg</i>	100	100	100	97	100	100	100	83	100	97.77778	
<i>PBR: Oxytheca, Castilleja chromosa, Eriogonum fasciculatum, psorothamnus, K.Lanata, Oxytheca, Tetradymia axillaris long.</i>											
Site 106	Slope: 13		Aspect: 186		GPS E: 394790		GPS N: 4119049		GPS elev.: 6047		
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV
Menadora s.	10	12	4	9	10	12	9	10	9	9.44	2.35
Chrysothamnus p.	2	6	3	3	2	4	2	2	3	3.00	1.32
Bunchgrass	3	5	4	3	4	2	3	5	3	3.56	1.01
Happlopapus (Ericameria)	4	1	3	6	2	3	2	1	2	2.67	1.58
Ephedra n.	7	5	5	7	3	4	6	3	5	5.00	1.50
Grayia	3	4	5	4	2	2	2	2	6	3.33	1.50
Chrysothamnus v.	1	2	1	2	1	2	1	1	1	1.33	0.50
TOTAL VEG	30	35	25	34	24	29	25	24	29	28.33	4.18
AM quartzite	5	6	8	5	8	10	2	6	6	6.22	2.28
Scree	45	42	37	40	47	40	58	35	51	43.89	7.25
Soil	20	17	30	15	21	21	15	15	14	18.67	5.07
TOTAL NONVEG	70	65	75	60	76	71	75	56	71	68.78	7.03
<i>total veg+nonveg</i>	100	100	100	94	100	100	100	80	100	97.11111	
<i>PBR: Oxytheca, Castilleja chromosa, Tetradymia axillaris longispina, K. lanta, Psorothamnus, B.Grass, Desert trumpet</i>											
Site 107	Slope: 30		Aspect: 140		GPS E: 390577		GPS N: 4119331		GPS elev.: 4648		
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV
Eriogonum fasciculatum	3	1	3	4	3	3	1	3	2	2.56	1.01
Mojave Aster	2	2	1	3	1	1	2	1	1	1.56	0.73
Psorothamnus	4	4	3	4	3	5	3	3	3	3.56	0.73
Atriplex conf. (Shadscale)	8	7	8	6	11	8	10	5	12	8.33	2.29
Prince's Plume	0	0	1	1	0	0	0	0	0	0.22	0.44
Chrysothamnus v.	2	2	4	2	3	2	2	2	3	2.44	0.73
TOTAL VEG	19	16	20	20	21	19	18	14	21	18.67	2.35
AM qtzt rocks	6	5	5	6	7	7	10	6	6	6.44	1.51
Scree	45	54	45	40	52	37	50	30	41	43.78	7.68
Soil	30	25	30	31	20	37	22	20	34	27.67	6.18
TOTAL NONVEG	81	84	80	77	79	81	82	56	81	77.89	8.43

total veg+nonveg												
	100	100	100	97	100	100	100	70	102	96.55556		
PBR: Eriog. Inflatum, Oxytheca, Bunchgrass												
Site 108	Slope: 30		Aspect: 306		GPS E: 390657		GPS N: 4119228		GPS elev.: 4655			
	JD	LZ	IT	CV	AH	SJ	SD	SC	GE	AVE	STDEV	
Eriogonum fasciculatum	5	2	3	4	8	3	3	2	1	3.44	2.07	
Psoralea	1	1	3	1	1	1	1	1	2	1.33	0.71	
Chrysothamnus v.	3	3	2	3	3	3	4	3	3	3.00	0.50	
Atriplex conf. (Shadscale)	1	1	2	1	1	1	6	1	5	2.11	1.96	
Grayia	4	1	2	2	3	1	1	2	3	2.11	1.05	
Tetradymia a. L.	5	3	3	3	2	5	2	3	5	3.44	1.24	
Tetradymia c.	2	1	2	2	2	1	0	1	1	1.33	0.71	
Encelia v.	1	1	1	1	0	1	1	1	0	0.78	0.44	
Stephanomeria pauciflora	2	1	2	2	1	4	2	2	0	1.78	1.09	
Mojave aster	2	2	2	1	2	2	0	2	0	1.44	0.88	
Ephedra n.	1	1	2	1	0	1	0	1	3	1.11	0.93	
Grass	1	1	1	1	1	0	0	1	1	0.78	0.44	
TOTAL VEG	28	18	25	22	24	23	20	20	24	22.67	3.04	
Blocks	4	8	12	3	5	5	2	7	5	5.67	3.00	
Skree	53	54	50	48	58	37	53	40	43	48.44	7.06	
Soil	15	20	13	25	13	35	25	20	28	21.56	7.42	
TOTAL NONVEG	72	82	75	76	76	77	80	67	76	75.67	4.33	
total veg+nonveg												
	100	100	100	98	100	100	100	87	100	98.33333		
PBR: Prince's plume, Eriogonum inflatum, Stephanomeria pauciflora, Cryptantha virginesis, Castilleja sp., Erigeron Cloki												
Site 109	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
	AH	SJ	SD	SC	GE	AVE	STDEV					
Artemisia t.	17	20	30		24	22.75	5.62					
Chrysothamnus v.	1	1	1		1	1.00	0.00					
Linanthus	2	2	2		1	1.75	0.50					
Pinyon Pine	4	4	8		4	5.00	2.00					
Juniper	1	2	1		4	2.00	1.41					
Snowberry (Symphoricarpos)	8	3	8		4	5.75	2.63					
Sulphur Buckwheat (Eriogonum Umbellatum)	2	1	1		0	1.00	0.82					
Penny Royal	1	0	1		0	0.50	0.58					
Angelica	1	1	1		0	0.75	0.50					
Prickly Phlox	1	0	0		1	0.50	0.58					
Big Leaf Buckwheat	2	1	0		0	0.75	0.96					
Mtn. Mahogany	1	2	1		0	1.00	0.82					
Grass	1	1	0		0	0.50	0.58					
TOTAL VEG	42	38	54		39	43.25	7.37					
Wyman Calc Arg&Lg	3	4	2		3	3.00	0.82					
Chips	29	38	30		45	35.50	7.51					
Brown Soil	26	20	14		13	18.25	6.02					
TOTAL NONVEG	58	62	46		61	56.75	7.37					
total veg+nonveg												
	0	0	0	100	100	100	0	100	100			
PBR: Prickly Pear, Catilleja sp., Chryptantha virginesis, grass, Ephedra V.												
Site 110	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
	AH	SJ	SD	SC	GE	AVE	STDEV					
Artemisia t.	15	14	21		22	18.00	4.08					
Chrysothamnus v.	1	1	2		2	1.50	0.58					
Lupine	1	0	2		0	0.75	0.96					
Big Leaf Buckwheat	2	1	1		0	1.00	0.82					
Snowberry (Symphoricarpos)	9	8	5		6	7.00	1.83					
Mtn. Mahogany	3	9	2		5	4.75	3.10					
Heuchara	1	1	1		0	0.75	0.50					
Pinyon Pine	1	3	1		1	1.50	1.00					
Mock Orange	7	2	3		3	3.75	2.22					
Sulphur Buckwheat	3	1	1		1	1.50	1.00					
Linanthus	2	1	1		1	1.25	0.50					
TOTAL VEG	45	41	40		41	41.75	2.22					
Calc. Wyman Arg Rock	7	6	2		7	5.50	2.38					
Chips	36	33	30		40	34.75	4.27					
Brown Soil	12	20	28		12	18.00	7.66					
TOTAL NONVEG	55	59	60		59	58.25	2.22					
total veg+nonveg												
	0	0	0	100	100	100	0	100	100			
PBR:												
Site 111	Slope: 30		Aspect: 178		GPS E: 402641		GPS N: 4143394		GPS elev.: 8213			
	JD	LZ	IT	CV	LW	SC	AVE	STDEV				
Ephedra v.	3	2	2	4	5		2.83	1.47				
Artemisia t.	15	13	12	13	17		13.67	1.97				
Juniper	3	7	4	3	2		3.50	1.87				

Pinyon Pine	5	16	11	12	8			6	9.67	4.13
Chrysothamnus v.	1	0	1	1	6			1	1.67	2.16
Prickly Phlox	1	2	3	3	4			3	2.67	1.03
Chrysothamnus n?	1	2	1	1	2			3	1.67	0.82
Macaranthus canescens	1	1	1		1			1	1.00	0.00
TOTAL VEG	30	43	35	37	45			29	36.50	6.57

Wyman argillite rocks	17	26	30	20	40			35	28.00	8.79
Scree	43	27	25	25	10			20	25.00	10.75
Soil	10	4	10	6	5			3	6.33	3.01
TOTAL NONVEG	70	57	65	51	55			58	59.33	6.95

total veg+nonveg 100 100 100 88 100 0 0 87 0 95.83333
PBR: *Arabis pulchera*, Grass, *Ribes*, Fern bush, Red Penstemon (*penst. rostriflorus*), *Senecio multilobatus*, *Symphoricarpos*, Prickly Pear, Elderberry
Eriogonum heermanii

Site 112	Slope:	30	Aspect:	274	GPS E:	402604	GPS N:	4143425	GPS elev.:	8214
	JD	LZ	IT	CV	LW			SC	AVE	STDEV
Philadelphus	8	6	10	5	4			4	6.17	2.40
Fern bush	2	2	2	5	3			2	2.67	1.21
Artemesia t.	15	16	13	20	35			20	19.83	7.94
P. Phlox	1	1	1	2	3			0	1.33	1.03
Ephedra v.	2	1	1	4	4			2	2.33	1.37
Pinyon Pine	2	1	1	2	1			1	1.33	0.52
Dead wood	2	2	2	2	5			1	2.33	1.37
TOTAL VEG	32	29	30	40	55			30	36.00	10.14

Wyman argillite Rocks	43	19	35	25	30			35	31.17	8.45
Scree	15	49	30	23	12			20	24.83	13.41
Soil	10	2	5	10	3			2	5.33	3.78
TOTAL NONVEG	68	70	70	58	45			57	61.33	9.91

total veg+nonveg 100 99 100 98 100 0 0 87 0 97.33333
PBR: Barrel cactus, Grass (Rye, Squirrel), *Arabis pulchera*, knapweed (*macaranthus canescens*) *Opuntia basilaris*, *Philadelphus microphyllus*

Site 113	Slope:	30	Aspect:	180	GPS E:	401212	GPS N:	4143390	GPS elev.:	8520
	JD	LZ	IT	CV	LW			SC	AVE	STDEV
Fern bush	2	2	5	2	3			2	2.67	1.21
Artemesia t.	12	13	21	15	5			15	13.50	5.21
Ephedra v.	3	2	4	5	4			3	3.50	1.05
Philadelphus	10	4	3	4	10			5	6.00	3.16
Ribes vereum	1	3	2	3	2			2	2.17	0.75
TOTAL VEG	28	24	35	29	24			27	27.83	4.07

Wyman argillite rocks	42	26	20	35	60			35	36.33	13.92
Scree	25	45	41	35	8			30	30.67	13.25
Soil	5	5	4	5	8			2	4.83	1.94
TOTAL NONVEG	72	76	65	75	76			67	71.83	4.79

total veg+nonveg 100 100 100 104 100 0 0 94 0 99.66667
PBR: *Alyssum?* (*Halimolobos jaegeri*), *Crypthantha virgensis*, *Sitanion hystrix*

Site 114	Slope:	30	Aspect:	180	GPS E:	401294	GPS N:	4143376	GPS elev.:	8540
	JD	LZ	IT	CV	LW			SC	AVE	STDEV
Artemesia t.	10	13	15	15	10			20	13.83	3.76
Juniper	12	9	7	7	6			8	8.17	2.14
Pinyon Pine	2	2	1	3	2			2	2.00	0.63
Ephedra v.	1	2	3	4	3			4	2.83	1.17
Fern Bush	1	3	2	3	4			3	2.67	1.03
TOTAL VEG	26	29	28	32	25			37	29.50	4.42

Wyman argillite rocks	24	20	35	30	60			20	31.50	15.15
Scree	40	41	32	30	10			35	31.33	11.31
Soil	10	10	5	8	5			8	7.67	2.25
TOTAL NONVEG	74	71	72	68	75			63	70.50	4.42

total veg+nonveg 100 100 100 100 100 0 0 100 0 100
PBR: *Chrysothamnus v.*, Prickly Pear cactus (*Opuntia bailaris*), *Philadelphus*, *Senecio multilobatus*, Pink Penstemon (*floridus var. floridus*), Grass

Site 115	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
					AH	SJ	SD	GE	AVE	STDEV
Artemesia t.					21	16	35	22	23.50	8.10
Fern Bush					6	9	5	6	6.50	1.73
Paintbrush					3	2	2	1	2.00	0.82
Lupine					3	1	1	1	1.50	1.00
Linanthus					11	18	14	6	12.25	5.06
Angelica					1	2	1	0	1.00	0.82
Snowberry					6	3	2	6	4.25	2.06
Pribes					1	1	1	7	2.50	3.00
Penny Royal					1	1	2	0	1.00	0.82
Sulphur Buckwheat					2	2	1	1	1.50	0.58

Pinyon Pine					1	1	1		1	1.00	0.00
Big Leaf Buckwheat					0	0	0		0	0.00	0.00
TOTAL VEG					56	56	65		51	57.00	5.83

Wyman Argillite Rock					2	2	1		3	2.00	0.82
Chips					34	32	29		35	32.50	2.65
Dark Brown Soil					8	10	5		11	8.50	2.65
TOTAL NONVEG					44	44	35		49	43.00	5.83

total veg+nonveg 0 0 0 100 100 100 0 100 100
PBR: Prickly Phlox, Erigeron Clokii, Prickly pear, Eriogonum rupinum, Mock orange

Site 116	Slope:	Aspect:	GPS E:	GPS N:	GPS elev.:						
			AH	SJ	SD	GE	AVE	STDEV			
Artemesia t.			14	16	22	25	19.25	5.12			
Sulphur Buckwheat			3	6	2	4	3.75	1.71			
Snowberry			2	6	6	6	5.00	2.00			
Heuchara			1	1	1	0	0.75	0.50			
Chrysothamnus v.			1	1	1	2	1.25	0.50			
Bunchgrass			2	2	2	2	2.00	0.00			
Penny Royal			3	2	1	2	2.00	0.82			
Paintbrush			1	1	1	1	1.00	0.00			
Linanthus			5	7	4	5	5.25	1.26			
TOTAL VEG			32	42	40	47	40.25	6.24			

Wyman Argillite Rock					9	3	35		20	16.75	14.06
Scree					36	50	20		31	34.25	12.45
Dark Brown Soil					23	5	5		2	8.75	9.60
TOTAL NONVEG					68	58	60		53	59.75	6.24

total veg+nonveg 0 0 0 100 100 100 0 100 100
PBR:

Site 117	Slope: 0	Aspect: -	GPS E: 401179	GPS N: 4143341	GPS elev.: 8450						
	JD	LZ	IT	CV	LW	SC	AVE	STDEV			
Artemesia t.	20	22	20	25	30	25	23.67	3.83			
Linanthus	10	6	7	10	10	10	8.83	1.83			
Cryptantha virgensis	1	2	1	2	2	1	1.50	0.55			
Chrysothamnus v.	5	4	4	6	4	5	4.67	0.82			
Bunchgrass	3	3	4	1	2	3	2.67	1.03			
Stephanomeria ?	10	4	7	8	15	10	9.00	3.69			
Tetradymia canescens	3	1	3	2	5	1	2.50	1.52			
Paintbrush (Castilleja lina	1	1	1	1	0	1	0.83	0.41			
TOTAL VEG	53	43	47	55	68	56	53.67	8.62			

Wyman argillite/limestone	1	2	1	4	2	1	1.83	1.17		
Scree	2	7	2	3	10	1	4.17	3.54		
Soil	44	48	50	23	20	40	37.50	12.90		
TOTAL NONVEG	47	57	53	30	32	42	43.50	10.97		

total veg+nonveg 100 100 100 85 100 98 97.16667
PBR: Eriogonum umbellatum, Prickly Pear cactus, Ephedra v., Symphoricarpos longiflorus, Fern Bush, Ribes, Prickly Phlox, Astragalus oophorus

Site 35 A	Slope:	Aspect:	GPS E:	GPS N:	GPS elev.:						
	JD	LZ	IT	AH	SJ	SD	SC	GE	AVE	STDEV	
Penny Royal	2	1	4	2	1	1	2	3	1	1.89	1.05
Paintbrush	7	7	10	2	2	2	10	5	2	5.22	3.42
Artemesia t.	15	9	8	6	8	10	5	10	6	8.56	3.00
Lomatium	6	6	13	8	7	8	8	7	13	8.44	2.70
Grass	4	6	4	7	9	4	5	3	4	5.11	1.90
Mtn. Mahogany	2	3	3	1	2	1	4	4	6	2.89	1.62
Symphoricarpos	5	7	6	5	4	3	2	3	3	4.22	1.64
Chrysothamnus v.	1	1	1	2	1	1	4	2	2	1.67	1.00
Linanthus	2	0	1	1	1	3	5	1	1	1.67	1.50
TOTAL VEG	44	40	50	34	35	33	45	38	38	39.67	5.68

Rocks	3	5	6	3	4	1	15	3	8	5.33	4.15
Scree	50	50	40	48	49	61	30	45	52	47.22	8.56
Soil	3	5	4	15	12	5	10	2	1	6.33	4.85
TOTAL NONVEG	56	60	50	66	65	67	55	50	61	58.89	6.53

total veg+nonveg 100 100 100 100 100 100 88 99 98.55556
PBR: Cryptantha, Erigeron clokeyii, Eriogonum heermanii, 2 penstemons (floridus), sego lily, knapweed (macarenthus canescens), hemlock (an

Site 119	Slope: 32	Aspect: 350	GPS E: 399058	GPS N: 4143823	GPS elev.: 8880						
	JD	LZ	IT	CV	LW	SC	AVE	STDEV			
Bristlecone	15	15	15	16	20	15	16.00	2.00			
Limber	5	2	3	4	12	5	5.17	3.54			
Heuchara	2	1	1	2	1	3	1.67	0.82			
Symphoricarpos	5	3	4	4	3	3	3.67	0.82			
Ribes cereum	3	2	1	1	3	3	2.17	0.98			

Acer g.	3	3	1	2	2			2	2.17	0.75
Grass	3	4	1	3	5			2	3.00	1.41
Artemesia t.	2	2	2	3	5			2	2.67	1.21
Paintbrush (Castilleja lina	1	1	1	1	0			2	1.00	0.63
Dead wood	3	3	3	3	3			3	3.00	0.00
Duff	15	30	20	20	15			20	20.00	5.48
TOTAL VEG	57	66	52	59	69			60	60.50	6.16

Wyman argillite rocks	3	2	3	3	15			3	4.83	5.00
Scree	35	27	43	35	15			30	30.83	9.47
Soil	5	5	2	5	4			5	4.33	1.21
TOTAL NONVEG	43	34	48	43	34			38	40.00	5.62

total veg+nonveg 100 100 100 102 103 98 100.5

PBR: *Antennaria microphylla*, *Chrysothamnus v.*, *Senecio multilobatus*, *Prickly Phlox (Leptodactylon pungens var. hallia)*, *Linarthus nutallii*, *Erige*

Site 120	Slope:	Aspect:	GPS E:		GPS N:		GPS elev.:		
			AH	SJ	SD	GE	AVE	STDEV	
Chrysothamnus v.			3	3	2	3	2.75	0.50	
Spiny Ribes			2	1	1	1	1.25	0.50	
Artemesia			3	1	3	2	2.25	0.96	
Fern Bush			4	3	4	3	3.50	0.58	
Mock Orange			8	10	7	10	8.75	1.50	
Ephedra v.			3	6	3	4	4.00	1.41	
Grassosaurus			1	1	1	2	1.25	0.50	
TOTAL VEG			24	25	21	25	23.75	1.89	

Wyman Argillite Rock			71	40	40	60	52.75	15.39
Scree			5	34	38	15	23.00	15.64
Soil			0	1	1	0	0.50	0.58
TOTAL NONVEG			76	75	79	75	76.25	1.89

total veg+nonveg 0 0 0 100 100 100 0 100 100

PBR: *B. Grass*, *Prickly phlox*, *Chryptantha Virginesis*, *Pinon*, *Fern Bush*, *Snowberry*, *Streptanthus*

Site 121	Slope:	Aspect:	GPS E:		GPS N:		GPS elev.:		
			AH	SJ	SD	GE	AVE	STDEV	
Artemesia			3	7	5	9	6.00	2.58	
Mtn. Mahogany			11	16	7	6	10.00	4.55	
Mock Orange			9	7	10	4	7.50	2.65	
Grassosaurus			1	1	1	1	1.00	0.00	
Ephedra v.			4	5	5	5	4.75	0.50	
Chrysothamnus v.			1	1	1	2	1.25	0.50	
Tetradymia can.			2	2	1	1	1.50	0.58	
Prickly Phlox			0	0	0	0	0.00	0.00	
TOTAL VEG			31	39	30	28	32.00	4.83	

Wyman Argillite Rock			31	30	45	47	38.25	9.00
Scree			30	25	20	23	24.50	4.20
Soil			8	6	5	2	5.25	2.50
TOTAL NONVEG			69	61	70	72	68.00	4.83

total veg+nonveg 100 100 100 100 100

PBR:

Site 122	Slope: 28		Aspect: 349		GPS E: 396329		GPS N: 4144501		GPS elev.: 9460	
	JD	LZ	IT	CV	LW	SC	AVE	STDEV		
Bristlecone	30	24	30	30	35	35	30.67	4.08		
Ribes cereum	3	2	1	2	2	3	2.17	0.75		
Symphoricarpos	2	1	2	1	2	1	1.50	0.55		
Grass	1	2	1	2	2	2	1.67	0.52		
Dead	5	3	3	6	3	6	4.33	1.51		
Duff	15	16	30	25	20	15	20.17	6.18		
TOTAL VEG	56	48	67	66	64	62	60.50	7.26		

Reed Dolomite Rocks	6	2	2	5	10	8	5.50	3.21
Scree	33	40	26	20	20	20	26.50	8.38
Soil	5	10	5	7	6	10	7.17	2.32
TOTAL NONVEG	44	52	33	32	36	38	39.17	7.60

total veg+nonveg 100 100 100 98 100 100 99.66667

PBR: *Elderberry (Sambucus caerulea)*, *Fern bush (Chamaebatiaria millifolium)*, *Penstemon scapoides*, *Heuchara duranii*, *Cryptantha virginesis*,

Site 123	Slope:	Aspect:	GPS E:		GPS N:		GPS elev.:		
			AH	SJ	SD	GE	AVE	STDEV	
Mtn. Mahogany			5	9	4	7	6.25	2.22	
Chrysothamnus v.			1	3	1	3	2.00	1.15	
Bristlecone			11	16	15	12	13.50	2.38	
Ephedra v.			2	3	3	1	2.25	0.96	
Grass			1	1	1	1	1.00	0.00	

Artemesia					2	2	2		1	1.75	0.50
Dead Wood					4	2	2		2	2.50	1.00
TOTAL VEG					26	36	28		27	29.25	4.57
Block Reed Dolomite Rock					31	22	25		43	30.25	9.29
Scree					29	21	37		20	26.75	7.93
Tan Soil					14	21	10		4	12.25	7.14
TOTAL NONVEG					74	64	72		67	69.25	4.57
<i>total veg+nonveg</i>	0	0	0	0	100	100	100	0	94	98.5	
<i>PBR:</i>											
Site 124	Slope:	20	Aspect:	212	GPS E:	395259	GPS N:	4144832	GPS elev.:	9776	
	JD	LZ	IT	CV	LW			SC	AVE	STDEV	
Fern Bush	3	7	4	8	5			5	5.33	1.86	
Artemesia	25	13	20	17	15			15	17.50	4.37	
Chrysothamnus v.	2	2	1	5	3			3	2.67	1.37	
Linanthus	7	3	4	4	4			8	5.00		
Prickly Phlox	3	1	2	2	4			2	2.33		
Astragalus oophorus	1	0	1	1	1			1	0.83		
Salvia	2	1	1	2	5			2	2.17	1.47	
Paintbrush (Castilleja chr	1	1	1	1	0			1	0.83	0.41	
Grass	3	2	1	3	3			1	2.17	0.98	
TOTAL VEG	47	30	35	43	40			38	38.83	5.98	
Deep Spring qtzt rock	33	58	60	30	40			40	43.50	12.65	
Scree	15	7	4	12	5			10	8.83	4.26	
Soil	5	5	1	7	15			2	5.83	5.00	
TOTAL NONVEG	53	70	65	49	60			52	58.17	8.23	
<i>total veg+nonveg</i>	100	100	100	92	100			90		97	
<i>PBR: Lupine argentus, Cirsium nidulum, Ephedra v., Scrophularia desertorum</i>											
Site 126	Slope:	20	Aspect:	176	GPS E:	396580	GPS N:	4151448	GPS elev.:	10342	
	JD	LZ	IT	CV				SC	AVE	STDEV	
Mountain Mahogany	14	26	15	15				20	18.00	5.05	
Bristlecone	6	7	8	5				6	6.40	1.14	
Chrysothamnus v.	7	7	5	9				7	7.00	1.41	
Artemesia t.	3	1	4	7				5	4.00	2.24	
Senecio canus	2	3	1	2				4	2.40	1.14	
Grass	1	1	2	2				2	1.60	0.55	
Linanthus	2	2	3	2				3	2.40	0.55	
Paintbrush (Castilleja lina	1	1	2	1				1	1.20	0.45	
TOTAL VEG	36	48	40	43				48	43.00	5.20	
Reed Dolomite Rock	4	27	15	3				5	10.80	10.26	
Scree	45	10	30	34				30	29.80	12.66	
Soil	15	15	15	15				15	15.00	0.00	
TOTAL NONVEG	64	52	60	52				50	55.60	6.07	
<i>total veg+nonveg</i>	100	100	100	95				98		98.6	
<i>PBR: Prickly Phlox, Eriogonum ruginum, Linus lewisii, Cryptantha f., Erigeron clokeyii, little rose?, Arabis, "knapweed", arenaria, juniperus</i>											
Site 128	Slope:	25	Aspect:	90	GPS E:	396498	GPS N:	4151388	GPS elev.:	10341	
	JD	LZ	IT	CV				SC	AVE	STDEV	
Monardella odoriferous	2	1	1	3				1	1.60	0.89	
Linanthus	3	3	3	3				3	3.00	0.00	
Artemesia t.	6	8	6	15				15	10.00	4.64	
Bristlecone	10	12	9	10				8	9.80	1.48	
Crysothamnus v.	5	2	2	5				3	3.40	1.52	
Tetradymia canescens	2	1	2	2				2	1.80	0.45	
Mountain Mahogany	3	3	5	3				4	3.60	0.89	
Grass	3	4	2	2				2	2.60	0.89	
TOTAL VEG	34	34	30	43				38	35.80	4.92	
Sage Hen Flat Granite Rck	3	3	5	4				5	4.00	1.00	
Reed Dolomite Rocks	3	4	10	6				3	5.20	2.95	
Scree	40	41	45	17				30	34.60	11.28	
Soil	20	18	10	25				20	18.60	5.46	
TOTAL NONVEG	66	66	70	52				58	62.40	7.27	
<i>total veg+nonveg</i>	100	100	100	95				96		98.2	
<i>PBR: Erigeron clokeyii, Cryptantha v., Rose?, Chrys. ?, Arenaria kingii, Prickly Phlox, Arabis, Senecio m&c, Limber Pine, Penstemon speciosus,</i>											
Site 130	Slope:	15	Aspect:	130	GPS E:	396561	GPS N:	4151288	GPS elev.:	10212	
	JD	LZ	IT	CV				SC	AVE	STDEV	
Artemesia t.	45	54	54	45				50	49.60	4.51	
Lupine argentus	5	6	5	7				4	5.40	1.14	
Linanthus	2	4	2	4				3	3.00	1.00	
Grass	1	1	1	2				1	1.20	0.45	
Monardella odoritissima	1	0	1	1				1	0.80	0.45	

Ribes cereum	1	2	1	1				1		1.20	0.45
TOTAL VEG	55	67	64	60				60		61.20	4.55

Sage Hen FlatGranite Ro	4	3	1	8				5		4.20	2.59
Scree	1	3	7	2				3		3.20	2.28
Soil	40	27	28	25				30		30.00	5.87
TOTAL NONVEG	45	33	36	35				38		37.40	4.62

total veg+nonveg 100 100 100 95 98 98.6
PBR: *Arabis, Chrys. ?, Prickly Phlox, Limber Pine, Broomrape, Astragalus inyoensis, phacelia hastata, purshia tridentata, linanthus, castilleja*

Site 125	Slope:	Aspect:	GPS E:				GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV		
Mountain Mahogany			25	26	25	25	25	25.20	0.45		
Chrysothamnus v.			9	7	3	5	5	5.80	2.28		
Grass			2	4	1	4	3	2.80	1.30		
Artemesia			3	8	2	10	4	5.40	3.44		
Prickly Phlox			1	2	1	4	2	2.00	1.22		
Fern Bush			2	1	1	3	1	1.60	0.89		
TOTAL VEG			42	48	33	51	40	42.80	7.05		

Sage Hen Flate Granite Boulders			24	20	45	30	45	32.80	11.69		
Scree			6	8	5	10	10	7.80	2.28		
Drk Brwn Sandy Soil			28	24	17	9	5	16.60	9.71		
TOTAL NONVEG			58	52	67	49	60	57.20	7.05		

total veg+nonveg 100 100 100 100 100 100
PBR: *scenicio multilobata, erigonum faciculatum, macarenthus canescens, linanthus, fernbush, tetradymia conescens, grass o' saur, erigeron cl*

Site 127	Slope:	Aspect:	GPS E:				GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV		
Bristlecone Pine			14	10	16	11	18	13.80	3.35		
Ribes c.			1	1	2	4	2	2.00	1.22		
Grass			2	3	3	7	5	4.00	2.00		
Artemesia			1	2	1	2	4	2.00	1.22		
Duff			3	2	10	9	2	5.20	3.96		
Linanthus			0	1	0	2	0	0.60	0.89		
Deadwood			2	2	3	4	3	2.80	0.84		
Arenaria kingii			1	0	1	1	1	0.80	0.45		
Limber Pine			9	9	2	8	6	6.80	2.95		
Seliginella			2	1	1	1	0	1.00	0.71		
TOTAL VEG			35	31	39	49	41	39.00	6.78		

Red&Grey Boulders Sage Hen Flate Granodiorite			12	18	15	6	31	16.40	9.29		
Scree (Red, Oxidized gd)			21	16	27	35	14	22.60	8.56		
Sandy Brown Soil			32	35	20	10	14	22.20	10.96		
TOTAL NONVEG			65	69	62	51	59	61.20	6.80		

total veg+nonveg 100 100 101 100 100 100.2
PBR: *Heuchera rubesens var. pachypoda, penstemon heterodoxus, lots of ash and evidence of fire, astragalus sp., erigeron clokii, chryptanthus*

Site 129	Slope:	Aspect:	GPS E:				GPS N:			GPS elev.:	
	20	325	CV	AH	SJ	SD	LT	GE	AVE	STDEV	
Arenaria kingii			4	5	5	2	12	6	5.67	3.39	
Prickly Phlox			8	17	10	8	13	7	10.50	3.83	
Linanthus			2	1	3	1	4	4	2.50	1.38	
Artemesia tridentata			15	15	16	15	16	14	15.17	0.75	
Grass			1	2	4	2	11	4	4.00	3.63	
Chrysothamnus v.			1	1	1	1	2	1	1.17	0.41	
Deadwood			2	1	2	1	2	1	1.50	0.55	
TOTAL VEG			33	42	41	30	60	37	40.50	10.60	

Gray Sage Hen Flate Granodiorite			5	8	4	15	5	20	9.50	6.53	
Scree			30	27	15	22	20	22	22.67	5.28	
Sandy Brown Soil			29	23	40	33	15	21	26.83	9.00	
TOTAL NONVEG			64	58	59	70	40	63	59.00	10.24	

total veg+nonveg 97 100 100 100 100 100 99.5
PBR: *Castilleja nana, astragalus calycosus, senecio multilobatus, erigonum ovalifolium, erigeron clokeyii*

Site 132	Slope:	Aspect:	GPS E:				GPS N:			GPS elev.:	
	24	312	JD	LZ	IT	CV	SC	AVE	STDEV		
Arenaria kingii	2	1	1	1	1		1	1.20	0.45		
Artemesia tridentata	20	16	15	17			20	17.60	2.30		
Ephedra viridis	2	2	3	3			2	2.40	0.55		
Grass	3	5	3	3			5	3.80	1.10		
Chrysothamnus v.	2	2	2	12			1	3.80	4.60		
Prickly pear cactus	1	1	1	1			1	1.00	0.00		
Fernbush	2	1	2	2			2	1.80	0.45		
Pinyon pine (p. monophy)	1	1	1	1			1	1.00	0.00		
Ribes cereum	1	2	2	2			1	1.60	0.55		

TOTAL VEG	34	31	30	42			34	34.20	4.71
Montenegro phyllite block	36	27	40	20			35	31.60	8.02
Scree	25	38	29	31			25	29.60	5.37
Soil	5	4	1	3			3	3.20	1.48
TOTAL NONVEG	66	69	70	54			63	64.40	6.43
<i>total veg+nonveg</i>	100	100	100	96			97	98.6	
<i>PBR: Eriogonum gracilipes (raspberry buckwheat), Eriogonum ovalifolium, Erigeron clokeyi, Cryptantha v., Stephanomeria ?</i>									
Site 134	Slope: 20	Aspect: 50	GPS E: 396124	GPS N: 4135455			GPS elev.: 9675		
	JD	LZ	IT	CV			SC	AVE	STDEV
Eriogonum rupinum	1	1	1	2			1	1.20	0.45
Eriogonum gracilipes (ras	2	3	4	2			2	2.60	0.89
Artemisia tridentata	14	7	7	12			15	11.00	3.81
Purshia	6	8	5	5			3	5.40	1.82
Mtn. Mahogany (Cercocarpus L.	2	1	3	2			1	1.80	0.84
Grass	3	3	2	4			3	3.00	0.71
Limber pine (p. flexilis)	10	14	9	6			8	9.40	2.97
Stephanomeria sp.?	1	1	3	1			2	1.60	0.89
Chrysothamnus viscidiflorus	3	1	4	3			1	2.40	1.34
Prickly phlox	1	1	1	2			1	1.20	0.45
Penstemon s.?	1	1	1	2			1	1.20	0.45
Arenaria kingii	1	1	1	1			1	1.00	0.00
Senecio multilobatus	1	0	1	1			1	0.80	0.45
Ephedra viridis	1	1	1	1			1	1.00	0.00
Pinyon pine (p. monophylla)	2	1	2	1			1	1.40	0.55
TOTAL VEG	49	44	45	45			42	45.00	2.55
Montenegro phyllite rocks	3	1	10	3			3	4.00	3.46
Phyllite scree	42	42	5	28			35	30.40	15.34
Limestone rocks/scree	3	3	35	4			5	10.00	14.00
Soil	3	10	5	15			3	7.20	5.22
TOTAL NONVEG	51	56	55	50			46	51.60	4.04
<i>total veg+nonveg</i>	100	100	100	95			88	96.6	
<i>PBR: Ribes cereum, Erigeron clokeyi, Prickly pear, Calochortus (Sego lily), Arabis, Cryptantha v.</i>									
Site 136	Slope: 20	Aspect: 141	GPS E: 396170	GPS N: 4135388			GPS elev.: 9650		
	JD	LZ	IT	CV			SC	AVE	STDEV
Eriogonum gracilipes (ras	2	1	2	2			1	1.60	0.55
Tetradymia canescens	1	1	3	2			1	1.60	0.89
Purshia	30	1	20	15			10	15.20	10.85
Chrysothamnus viscidiflorus	5	14	2	3			5	5.80	4.76
Mtn. Mahogany (Cercocarpus L.	6	3	4	7			4	4.80	1.64
Holodiscus	6	6	3	4			2	4.20	1.79
Artemisia tridentata	6	4	2	5			8	5.00	2.24
Pinyon pine (p. monophylla)	8	9	8	7			8	8.00	0.71
Limber pine (p. flexilis)	2	5	5	2			2	3.20	1.64
Prickly phlox	1	3	2	1			1	1.60	0.89
Dead wood	1	0	3	3			2	1.80	1.30
Ephedra viridis	1	2	1	2			2	1.60	0.55
TOTAL VEG	69	49	55	53			46	54.40	8.88
Quartzite scree	20	25	20	15			30	22.00	5.70
Limestone rocks/scree	5	18	10	17			10	12.00	5.43
Soil	6	8	15	10			10	9.80	3.35
TOTAL NONVEG	31	51	45	42			50	43.80	8.04
<i>total veg+nonveg</i>	100	100	100	95			96	98.2	
<i>PBR: Monardella odoratissima, Senecio multilobatus, Linum lewisii, Iomatium?, Cryptantha v., Calochortus, Penstemon rostriflorus, Castilleja linare.</i>									
Site 138	Slope: 20	Aspect: 210	GPS E: 396006	GPS N: 4135222			GPS elev.: 9707		
	JD	LZ	IT	CV			SC	AVE	STDEV
Artemisia tridentata	20	14	10	15			15	14.80	3.56
Ephedra viridis	5	5	6	6			6	5.60	0.55
Eriogonum gracilipes (ras	1	1	1	1			1	1.00	0.00
Eriogonum ovalifolium	2	1	2	1			1	1.40	0.55
Pinyon pine (p. monophylla)	5	4	6	7			8	6.00	1.58
Grass	3	3	2	4			2	2.80	0.84
Chrysothamnus viscidiflorus	2	1	3	2			1	1.80	0.84
Chrysothamnus n.?	3	1	2	2			1	1.80	0.84
Ribes v.	3	1	1	1			1	1.40	0.89
Arenaria kingii	1	1	1	1			1	1.00	0.00
Holodiscus	1	1	1	1			1	1.00	0.00
TOTAL VEG	46	33	35	41			38	38.60	5.13
Quartzite rocks	14	8	10	20			15	13.40	4.67
Scree	35	45	45	25			35	37.00	8.37

Soil	5	14	10	10				10	9.80	3.19
TOTAL NONVEG	54	67	65	55			60	60.20	5.81	
<i>total veg+nonveg</i>	100	100	100	96			98	98.8		

PBR: *Cryptantha v.?*, *Senecio multilobatus*, *Prickly pear*, *Astragalus coccineus*, *stephanomeria pauciflora*, *astragalus sp.*, *sego lily*, *castilleja*, *pens*

Site 131	Slope:	Aspect:	GPS E:		GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV
Artemisia tridentata			21	26	10	24	22	20.60	6.23
Chrysothamnus viscidiflorus			2	2	2	3	3	2.40	0.55
Pinyon pine (p. monophylla)			1	1	1	2	1	1.20	0.45
Arenaria kingii			3	2	1	4	1	2.20	1.30
Grass			4	3	3	4	3	3.40	0.55
Raspberry buckwheat (eriog. Gracilipes)			7	3	5	7	7	5.80	1.79
TOTAL VEG			38	37	22	44	37	35.60	8.14

Rusty Montenegro chips			54	32	63	41	40	46.00	12.35
Rusty Brown Soil			8	31	15	15	23	18.40	8.82
TOTAL NONVEG			62	63	78	56	63	64.40	8.14
<i>total veg+nonveg</i>	100	100	100	100	100	100	100	100	100

PBR: *Stephanomeria spinosa*, *castilleja linariafolia*, *fern bush*, *paintbrush*, *chrysothamnus v.*, *prickly phlox*, *sego lily*, *arenaria*

Site 133	Slope:	Aspect:	GPS E:		GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV
Artemisia tridentata			13	20	18	22	20	18.60	3.44
Raspberry buckwheat (eriog. Gracilipes)			2	3	2	5	4	3.20	1.30
Holodiscus			1	1	1	1	1	1.00	0.00
Ribes v.			2	2	1	1	1	1.40	0.55
Chrysothamnus viscidiflorus			2	1	2	1	3	1.80	0.84
Grass			6	4	3	5	2	4.00	1.58
Pinyon pine (p. monophylla)			1	1	2	2	1	1.40	0.55
Prickly phlox			1	3	1	2	1	1.60	0.89
Ribes cereum			1	0	1	2	0	0.80	0.84
TOTAL VEG			29	35	29	37	32	32.40	3.58

Rusty Campito blocks			5	5	15	4	32	12.20	11.95
Rusty Campito chips			48	50	44	45	19	41.20	12.64
Dark brown soil			18	10	10	10	16	12.80	3.90
TOTAL NONVEG			71	65	69	59	67	66.20	4.60
<i>total veg+nonveg</i>	100	100	100	98	96	99	98.6		

PBR: *ribes inerme (spiney)*, *ribes cereum (not spiney)*, *castilleja linariafolia*, *penstemon heterodoxus*, *erigonum wrightii*, *sego lily*, *chrysothamnus v.*

Site 135	Slope:	Aspect:	GPS E:		GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV
Mtn. Mahogany (cerco. Led.)			7	10	10	12	12	10.20	2.05
Artemisia tridentata			11	10	10	8	8	9.40	1.34
Ephedra viridis			6	9	9	5	7	7.20	1.79
Pinyon pine (p. monophylla)			1	2	2	3	2	2.00	0.71
Chrysothamnus viscidiflorus			3	1	2	1	3	2.00	1.00
Tetradymia canescens			2	2	1	1	1	1.40	0.55
Fernbush			2	2	1	1	1	1.40	0.55
Grass			1	1	0	1	0	0.60	0.55
TOTAL VEG			33	37	35	20	34	31.80	6.76

Deep Spring ls outcrop			11	14	8	37	12	16.40	11.72
Deep Spring ls chips			45	31	42	40	38	39.20	5.26
Dark brown soil			11	18	15	3	16	12.60	5.94
TOTAL NONVEG			67	63	65	80	66	68.20	6.76
<i>total veg+nonveg</i>	100	100	100	100	100	100	100	100	100

PBR: *erigonum coccineus*, *monardella*, *senecio multilobata*, *machaeranthera canescens*, *ribes cereum*, *chrysothamnus v.*, *b.grass*, *arenaria k.*, *a*

Site 137	Slope:	Aspect:	GPS E:		GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV
Bristlecone pines (p. longaeva)			29	32	18	42	32	30.60	8.59
Deadwood			4	4	3	5	3	3.80	0.84
Duff			3	2	5	3	1	2.80	1.48
TOTAL VEG			36	38	26	50	36	37.20	8.56

Reed dolomite rock			4	6	4	5	6	5.00	1.00
Tan dolomite chips			40	28	55	25	42	38.00	12.02
Brown soil			20	28	15	20	16	19.80	5.12
TOTAL NONVEG			64	62	74	50	64	62.80	8.56
<i>total veg+nonveg</i>	100	100	100	100	100	100	100	100	100

PBR:

Site 139	Slope:	Aspect:	GPS E:		GPS N:			GPS elev.:	
			AH	SJ	SD	LT	GE	AVE	STDEV
Mtn. Mahogany (cerco. Led.)			14	16	12		10	13.00	2.58

Artemisia tridentata					8	8	6			10	8.00	1.63
Salvia					20	10	6			3	9.75	7.41
Ephedra V					4	5	4			3	4.00	0.82
Chrysothamnus viscidiflorus					2	2	2			3	2.25	0.50
Pinus monophylla					1	1	1			1	1.00	0.00
TOTAL VEG					49	42	31	0	30	30.40	18.74	

Reed deep spring contact					2	7	3			4	5	4.20	1.92
Brown dolomite chips					30	40	48			25	55	39.60	12.38
Brown soil					29	14	15			15	11	16.80	7.01
TOTAL NONVEG					61	61	66	44	71	60.60	10.16		
<i>total veg+nonveg</i>					110	103	97			44	101	91	

PBR: prickly phlox, fernbush, tetradymia, senecio multilobata, arabis, calochortis (note: large pinon on massive dolomite reed)

Site 141	Slope: 28	Aspect: 75	GPS E:	GPS N:	GPS elev.:								
			AH	SJ	SD	LT	GE	AVE	STDEV				
Artemisia tridentata													
Pinus monophylla													
grass													
raspberry buckwheat													
Ephedra V													
Chrysothamnus V													
TOTAL VEG													

Andrews Mt quartite black blocks					4	6	2			10	10	6.40	3.58
Black and rusty chips					55	45	30			30	40	40.00	10.61
muddy soil					25	15	9			10	11	14.00	6.56
TOTAL NONVEG					84	66	41	50	61	60.40	16.38		
<i>total veg+nonveg</i>					122	108	81			89	98	99.6	

PBR: astragalus inyoensis, calochortis, haplopappus, erigonum ovalifolium, linanthus, erigonum fasciculatum

Site 143	Slope: 11	Aspect: 300	GPS E:	GPS N:	GPS elev.:								
			AH	JD	IT		GE	AVE	STDEV				
Trifolium andersonii													
Artemisia tridentata													
Arenaria													
Prickly Phlox													
Erigeron clokeyii													
Astragalus calicosus													
Hymenoxys													
Lupinus argenteus													
Grass													
Castilleja nana													
Chrysothamnus v.													
TOTAL VEG													

Rock					2	2	3			7	3.50	2.38	
Chips					29	35	15			29	27.00	8.49	
Soil					22	20	27			20	22.25	3.30	
TOTAL NONVEG					53	57	45			56	52.75	5.44	
<i>total veg+nonveg</i>					100	100	100			100	100		

PBR: Crypthantha v., Gilia ?, Haplopappus, Linanthus, Blue flax, arenaria k., prickly phlox, haplopappus, lomatum, astragalus c., erigonum ov

Site 145	Slope: 17	Aspect: 290	GPS E:	GPS N:	GPS elev.:								
			AH	JD	IT		GE	AVE	STDEV				
Bristlecone Pine													
Deadwood													
Duff													
Haplopappus													
TOTAL VEG													

Rock					11	5	5			11	8.00	3.46	
Chips					30	25	35			25	28.75	4.79	
Soil					20	35	30			22	26.75	6.99	
TOTAL NONVEG					61	65	70			58	63.50	5.20	
<i>total veg+nonveg</i>					100	100	100			100	100		

PBR: Crypthantha v., Erigeron clokeyii, Chrysothamnus v., Cymopterus aboriginum, Prickly Phlox, Astragalus c., Ribes c., Arinaria, Grass, Gilia?, n

Site 147	Slope: 15	Aspect: 240	GPS E:	GPS N:	GPS elev.:								
			AH	JD	IT		GE	AVE	STDEV				
Bristlecone Pine													
Grass													
Artemisia													
Crypthantha v.													
Haplopappus													
Arinaria													
Duff													

Deadwood					1	4	5		4	3.50	1.73
TOTAL VEG					30	39	50		41	40.00	8.21
<i>total veg+nonveg</i> 100 100 100 100 100											
<i>PBR: Cushion phlox, Erigeron clokeyii, Astragalus c., Limber pine, Castilleja nana, Hymenoxys, Arabis, Chrysothamnus v.</i>											
Site 149	Slope:	17	Aspect:	355	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV	
Bristlecone Pine					13	12	20	16	15.25	3.59	
Deadwood					2	4	8	5	4.75	2.50	
Duff					6	5	5	1	4.25	2.22	
Grass					3	5	2	5	3.75	1.50	
Mini Astragalus					3	15	3	7	7.00	5.66	
Arinaria					1	2	1	3	1.75	0.96	
Chrysothamnus n.					1	6	1	3	2.75	2.36	
TOTAL VEG					29	49	40	40	39.50	8.19	
Rock					2	8	5	9	6.00	3.16	
Chips					30	33	30	27	30.00	2.45	
Soil					39	10	25	24	24.50	11.85	
TOTAL NONVEG					71	51	60	60	60.50	8.19	
<i>total veg+nonveg</i> 100 100 100 100 100											
<i>PBR: Cymopterus aboriginum, Linanthus n., Castilleja nana, Moss, Erigeron clokeyii, Cryptantha v., Ribes c.</i>											
Site 151	Slope:	8	Aspect:	55	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV	
Artemesia					6	8	18	10	10.50	5.26	
Happlopapus					8	7	4	2	5.25	2.75	
Eriogonum g.					4	5	2	3	3.50	1.29	
Grass					5	10	2	4	5.25	3.40	
E. clokeyii					3	4	1	1	2.25	1.50	
Hymenoxys					1	3	1	4	2.25	1.50	
Chrysothamnus v.					1	2	2	5	2.50	1.73	
Arinaria					3	4	2	4	3.25	0.96	
TOTAL VEG					31	43	32	33	34.75	5.56	
Rock					9	17	12	10	12.00	3.56	
Chips					45	30	28	49	38.00	10.55	
Soil					15	10	28	8	15.25	9.00	
TOTAL NONVEG					69	57	68	67	65.25	5.56	
<i>total veg+nonveg</i> 100 100 100 100 100											
<i>PBR: Cryptantha v., Castilleja nana, Astragalus c., Ribes c., Linum lewisii, Cymopterus aboriginum, Lupinus a.</i>											
Site 153	Slope:	20	Aspect:	35	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV	
Artemesia					4	5	3	10	5.50	3.11	
Ribes c.					1	1	1	2	1.25	0.50	
Grass					8	2	1	7	4.50	3.51	
Eriogonum g.					2	2	1	1	1.50	0.58	
Potentilla					2	1	1	0	1.00	0.82	
Happlopapus					1	2	1	1	1.25	0.50	
Hymenoxys					0	2	1	2	1.25	0.96	
Arinaria					1	1	2	1	1.25	0.50	
Prickly Phlox					0	1	1	1	0.75	0.50	
Chrysothamnus v.					0	1	2	1	1.00	0.82	
Micro Astragalus					1	1	2	2	1.50	0.58	
Dead					2	2	4	4	3.00	1.15	
TOTAL VEG					22	21	20	32	23.75	5.56	
Rock					28	19	25	50	30.50	13.53	
Chips					34	45	50	10	34.75	17.80	
Soil					16	15	5	8	11.00	5.35	
TOTAL NONVEG					78	79	80	68	76.25	5.56	
<i>total veg+nonveg</i> 100 100 100 100 100											
<i>PBR: Cryptantha v., Antennaria, Castilleja nana, Astragalus c., Heuchera, Lupinus a., Clump comp., Cushion Phlox</i>											
Site 155	Slope:	20	Aspect:	45	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV	
Artemesia					5	7	10	12	8.50	3.11	
Linanthus n.					3	5	3	4	3.75	0.96	
Arinaria					1	1	1	1	1.00	0.00	
Antennaria					0	1	1	1	0.75	0.50	
Eriogonum ovalifolium					1	1	2	2	1.50	0.58	

Grass				4	8	4		6	5.50	1.91
Ribes c.				2	2	1		5	2.50	1.73
Prickly Phlox				1	1	1		1	1.00	0.00
TOTAL VEG				17	26	23		32	24.50	6.24
Rock				59	40	20		51	42.50	16.90
Chips				21	33	55		17	31.50	17.08
Soil				3	1	2		0	1.50	1.29
TOTAL NONVEG				83	74	77		68	75.50	6.24
<i>total veg+nonveg</i>				100	100	100		100	100	
<i>PBR: Fern, Castilleja nana, Heuchera, E. clokeyii, Chrysothamnus v., Monardella, yellow comp.</i>										
Site 157	Slope:	20	Aspect:	30	GPS E:		GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV
Artemesia					13	15	15	19	15.50	2.52
Grass					6	5	5	5	5.25	0.50
Heuchera					2	3	3	1	2.25	0.96
Arinaria					3	3	2	6	3.50	1.73
Chrysothamnus v.					1	3	4	4	3.00	1.41
Trifolium andersonii					3	2	3	3	2.75	0.50
Eriogonum ovalifolium					3	1	3	2	2.25	0.96
TOTAL VEG					31	32	35	40	34.50	4.04
Rock					14	11	3	35	15.75	13.65
Chips					44	52	40	15	37.75	15.97
Soil					11	5	22	10	12.00	7.16
TOTAL NONVEG					69	68	65	60	65.50	4.04
<i>total veg+nonveg</i>					100	100	100	100	100	
<i>PBR: Yellow comp., Castilleja nana, Ribes c., Linanthus n, Antinaria</i>										
Site 159	Slope:	16	Aspect:	43	GPS E:		GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV
Penstemon heterodoxus					6	4	2	3	3.75	1.71
Artemesia					11	14	20	17	15.50	3.87
Chrysothamnus v.					2	3	6	4	3.75	1.71
Grass					7	6	5	6	6.00	0.82
Heuchera					1	3	2	0	1.50	1.29
Eriogonum ovalifolium					6	2	3	5	4.00	1.83
Arinaria					3	3	4	5	3.75	0.96
Linanthus					4	2	1	1	2.00	1.41
Trifolium andersonii					1	1	2	1	1.25	0.50
TOTAL VEG					41	38	45	42	41.50	2.89
Rock					12	4	2	15	8.25	6.24
Chips					38	48	35	29	37.50	7.94
Soil					9	10	18	14	12.75	4.11
TOTAL NONVEG					59	62	55	58	58.50	2.89
<i>total veg+nonveg</i>					100	100	100	100	100	
<i>PBR: Fern, Antinaria, Lupinus a.</i>										
Site 161	Slope:	0	Aspect:	0	GPS E:		GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV
Polygonaceae					0	1	1	4	1.50	1.73
Grass					49	44	53	40	46.50	5.69
Artemesia					10	5	15	10	10.00	4.08
Potentilla					3	1	1	1	1.50	1.00
Trifolium andersonii					18	35	21	15	22.25	8.85
Senecio?					1	1	1	2	1.25	0.50
Juncus					3	5	1	6	3.75	2.22
Mimulus					6	2	1	15	6.00	6.38
Ribes c.					1	1	1	2	1.25	0.50
TOTAL VEG					91	95	95	95	94.00	2.00
Soil					9	5	5	5	6.00	2.00
TOTAL NONVEG					9	5	5	5	6.00	2.00
<i>total veg+nonveg</i>					100	100	100	100	100	
<i>PBR: Mushroom, Penstemon heterodoxus, Lewisia, dark flower, Antinaria, Prickly Phlox, Castilleja nana, Eriogonum ovalifolium, Linanthus, Dan</i>										
Site 163	Slope:	33	Aspect:	10	GPS E:		GPS N:		GPS elev.:	
					AH	JD	IT	GE	AVE	STDEV
Bristlecone Pine					10	17	12	15	13.50	3.11
Limber Pine					3	2	4	1	2.50	1.29
Artemesia					7	7	6	4	6.00	1.41
Grass					5	6	5	5	5.25	0.50
Chrysothamnus n.					2	5	6	2	3.75	2.06
Lupinus a.					1	1	1	0	0.75	0.50
Duff					3	5	2	1	2.75	1.71

Antinaria					3	3	1		0	1.75	1.50
Ribes c.					2	1	2		2	1.75	0.50
Deadwood					1	2	1		1	1.25	0.50
TOTAL VEG					37	49	40		31	39.25	7.50
Rock					48	44	40		50	45.50	4.43
Chips					5	1	5		10	5.25	3.69
Soil					10	6	15		9	10.00	3.74
TOTAL NONVEG					63	51	60		69	60.75	7.50
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Penstemon heterodoxus, Castilleja nana, Senecio ?, Heuchera, Arinaria, Prickly phlox, Moss</i>											
Site 165	Slope:	17	Aspect:	345	GPS E:		GPS N:		GPS elev.:		
					AH	JD	IT		GE	AVE	STDEV
Artemesia					23	20	36		22	25.25	7.27
Arinaria					5	3	5		7	5.00	1.63
Lupinus a.					1	3	2		3	2.25	0.96
Grass					7	8	8		6	7.25	0.96
Heuchera					2	1	1		2	1.50	0.58
Prickly Phlox					0	1	2		2	1.25	0.96
TOTAL VEG					38	36	54		42	42.50	8.06
Rock					1	1	1		1	1.00	0.00
Chips					48	46	30		47	42.75	8.54
Soil					13	17	15		10	13.75	2.99
TOTAL NONVEG					62	64	46		58	57.50	8.06
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Ribes c., Senecio?, Penstemon h., Castilleja n., Antinaria, Silene r., Hymenoxys</i>											
Site 167	Slope:	3	Aspect:	107	GPS E:		GPS N:		GPS elev.:		
					AH	JD	IT		GE	AVE	STDEV
Artemesia					13	14	17		13	14.25	1.89
Cushion Phlox					15	9	5		11	10.00	4.16
Arinaria					5	2	3		5	3.75	1.50
Erigeron clokeyii					0	1	2		1	1.00	0.82
Grass					2	4	3		2	2.75	0.96
Eriogonum gracilipes					0	1	2		2	1.25	0.96
Lupinus a.					1	2	3		1	1.75	0.96
TOTAL VEG					36	33	35		35	34.75	1.26
Chips					42	52	40		50	46.00	5.89
Soil					22	15	25		15	19.25	5.06
TOTAL NONVEG					64	67	65		65	65.25	1.26
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Arabis, silene, Eriogonum umb., Astragalus c., Castilleja n., Linanthus n., moss</i>											
Site 169	Slope:	23	Aspect:	244	GPS E:		GPS N:		GPS elev.:		
					AH	JD	IT		GE	AVE	STDEV
Artemesia					9	10	12		14	11.25	2.22
Potentilla					2	3	3		3	2.75	0.50
Grass					3	6	5		5	4.75	1.26
Prickly Phlox					3	3	3		4	3.25	0.50
Erigeron clokeyii					0	2	2		1	1.25	0.96
Arinaria					2	2	1		3	2.00	0.82
Hymenoxys					0	1	2		1	1.00	0.82
Astragalus c.					2	1	4		1	2.00	1.41
TOTAL VEG					21	28	32		32	28.25	5.19
Rock					1	1	1		4	1.75	1.50
Chips					64	61	57		53	58.75	4.79
Soil					14	10	10		11	11.25	1.89
TOTAL NONVEG					79	72	68		68	71.75	5.19
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Astragalus oophorus, Gilia?, Castilleja n., Eriogonum umb., Chrysothamnus v.</i>											
Site 171	Slope:	19	Aspect:	55	GPS E:		GPS N:		GPS elev.:		
					AH	JD	IT		GE	AVE	STDEV
Artemesia					7	11	20		14	13.00	5.48
Potentilla					2	1	5		5	3.25	2.06
Grass					4	8	5		3	5.00	2.16
Prickly Phlox					4	2	4		4	3.50	1.00
Erigeron clokeyii					2	3	2		1	2.00	0.82
Arinaria					2	2	2		1	1.75	0.50
Chrysothamnus v.					1	1	1		1	1.00	0.00
Cryptantha v.					1	2	1		1	1.25	0.50
TOTAL VEG					23	30	40		30	30.75	6.99

Rock					3	3	10		6	5.50	3.32
Chips					64	57	40		56	54.25	10.14
Soil					10	10	10		8	9.50	1.00
TOTAL NONVEG					77	70	60		70	69.25	6.99
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Lupinus a., Hymenoxys, Gilia?, Castilleja n., Astragalus c., Cymopterus aboriginum, Senecio m., Tetradymia c.</i>											
Site 173	Slope:	29	Aspect:	45	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT		GE	AVE	STDEV
Artemesia					36	25	25		28	28.50	5.20
Lupinus a.					12	10	7		11	10.00	2.16
Grass					15	20	20		10	16.25	4.79
Antinaria					1	4	5		2	3.00	1.83
Senecio ?					0	1	3		1	1.25	1.26
Castilleja l.					1	1	2		1	1.25	0.50
Limber Pine					2	2	3		2	2.25	0.50
TOTAL VEG					67	63	65		55	62.50	5.26
Rock					0	1	1		4	1.50	1.73
Chips					8	10	19		16	13.25	5.12
Soil					25	26	15		25	22.75	5.19
TOTAL NONVEG					33	37	35		45	37.50	5.26
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Ribes c., Penstemon h., Yellow comp., Eriogonum umbellatum, Castilleja n.</i>											
Site 175	Slope:	30	Aspect:	300	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT		GE	AVE	STDEV
Bristlecone Pine					18	25	15		16	18.50	4.51
Limber Pine					6	3	2		3	3.50	1.73
Ribes c.					2	2	2		2	2.00	0.00
Grass					1	1	1		2	1.25	0.50
Dead					4	3	8		5	5.00	2.16
Duff					15	5	7		2	7.25	5.56
TOTAL VEG					46	39	35		30	37.50	6.76
Rock					11	6	7		17	10.25	4.99
Chips					32	35	45		41	38.25	5.85
Soil					11	20	13		12	14.00	4.08
TOTAL NONVEG					54	61	65		70	62.50	6.76
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Yellow comp., Heuchera, Astragalus c., Carpet, Moss, Chrysothamnus v.</i>											
Site 177	Slope:	0	Aspect:	0	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT		GE	AVE	STDEV
Aspen					31	50	45		50	44.00	8.98
Limber					10	7	10		10	9.25	1.50
Bristlecone Pine					2	3	3		2	2.50	0.58
Artemesia					3	5	1		2	2.75	1.71
Menoradella					4	1	1		2	2.00	1.41
Linanthus					1	1	1		1	1.00	0.00
Grass					1	1	1		1	1.00	0.00
Lupine					1	1	1		0	0.75	0.50
Duff					36	25	17		15	23.25	9.54
Dead					6	3	10		6	6.25	2.87
TOTAL VEG					95	97	90		89	92.75	3.86
Rock					4	1	8		1	3.50	3.32
Soil					1	2	2		10	3.75	4.19
TOTAL NONVEG					5	3	10		11	7.25	3.86
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Castilleja l, Astragalus l., moss, Solomon's seal, Senecio m.</i>											
Site 179	Slope:	10	Aspect:	280	GPS E:			GPS N:		GPS elev.:	
					AH	JD	IT		GE	AVE	STDEV
Grass					14	15	26		21	19.00	5.60
Eriogonum ovalifolium					10	12	14		10	11.50	1.91
Trifolium andersonii					6	4	4		5	4.75	0.96
Draba ogliospermun					2	1	1		1	1.25	0.50
TOTAL VEG					32	32	45		37	36.50	6.14
Rock					54	66	35		49	#DIV/0!	#DIV/0!
Gravel					11	1	15		7	51.00	12.83
Soil					3	1	5		7	4.00	2.58
TOTAL NONVEG					68	68	55		63	63.50	6.14
<i>total veg+nonveg</i>					100	100	100		100	100	
<i>PBR: Prickly Phlox, Cushion Phlox, Slaginella, Potentilla breweri</i>											

Site 181	Slope: 0	Aspect: 0	GPS E:		GPS N:		GPS elev.:		
			AH	JD	IT		GE	AVE	STDEV
Grass			31	30	50		26	34.25	10.72
Potentilla breweri			0	1	2		2	1.25	0.96
Eriogonum ovalifolium			5	7	2		6	5.00	2.16
Trifolium andersonii			3	4	2		4	3.25	0.96
Cushion Phlox			1	3	3		1	2.00	1.15
Draba o.			1	1	1		1	1.00	0.00
TOTAL VEG			41	46	60		40	46.75	9.22
Rock			35	40	20		40	33.75	9.46
Gravel			5	11	15		11	10.50	4.12
Soil			19	3	5		9	9.00	7.12
TOTAL NONVEG			59	54	40		60	53.25	9.22
<i>total veg+nonveg</i>			<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
<i>PBR: Erigeron clokeyii, slaginella</i>									
Site 183	Slope: 12	Aspect: 330	GPS E:		GPS N:		GPS elev.:		
			AH	JD	IT		GE	AVE	STDEV
Grass			19	27	17		20	20.75	4.35
Potentilla andersonii			0	1	1		0	0.50	0.58
Eriogonum ovalifolium			6	5	6		11	7.00	2.71
Trifolium andersonii			3	4	4		6	4.25	1.26
Cushion Phlox			2	4	3		4	3.25	0.96
Draba o.			2	4	1		2	2.25	1.26
TOTAL VEG			32	45	32		43	38.00	6.98
Rock			65	45	53		50	53.25	8.50
Gravel			0	8	13		3	6.00	5.72
Soil			3	2	2		4	2.75	0.96
TOTAL NONVEG			68	55	68		57	62.00	6.98
<i>total veg+nonveg</i>			<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
<i>PBR: Slaginella, Erigeron clokeyii, prickly phlox, Cysopteris fragilis fern, Oxytropis parryi, Rumex pauciflora</i>									
Site 185	Slope: 0	Aspect: 0	GPS E:		GPS N:		GPS elev.:		
			AH	JD	IT		GE	AVE	STDEV
Grass			16	17	20		25	19.50	4.04
Antinaria			13	12	3		4	8.00	5.23
Ivesia			11	4	1		5	5.25	4.19
Slaginella			13	2	8		5	7.00	4.69
Trifolium andersonii			5	3	2		4	3.50	1.29
Draba o.&s.			2	3	1		3	2.25	0.96
TOTAL VEG			60	41	35		46	45.50	10.66
Rock			20	29	13		33	23.75	9.00
Gravel			5	20	30		6	15.25	11.98
Soil			15	10	22		11	14.50	5.45
TOTAL NONVEG			40	59	65		50	53.50	10.91
<i>total veg+nonveg</i>			<i>100</i>	<i>100</i>	<i>100</i>		<i>96</i>	<i>99</i>	
<i>PBR:</i>									
Site 187	Slope: 13	Aspect: 65	GPS E:		GPS N:		GPS elev.:		
			AH	JD	IT		GE	AVE	STDEV
Grass			17	25	20		20	20.50	3.32
Eriogonum ovalifolium			7	19	15		10	12.75	5.32
Trifolium andersonii			6	3	7		6	5.50	1.73
Prickly Phlox			1	1	1		1	1.00	0.00
Draba o.&s.			2	2	2		3	2.25	0.50
TOTAL VEG			33	50	45		40	42.00	7.26
GD Rock			33	30	25		25	28.25	3.95
PA Rock			25	15	22		25		
Gravel			5	2	5		6	4.50	1.73
Soil			4	3	3		4	3.50	0.58
TOTAL NONVEG			67	50	55		60	58.00	7.26
<i>total veg+nonveg</i>			<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
<i>PBR: Chrysothamnus v., Slaginella, Potentilla sp., cushion phlox, draba o. and s., arabis sp.</i>									
Site 189	Slope: 27	Aspect: 105	GPS E:		GPS N:		GPS elev.:		
			AH	JD	IT		GE	AVE	STDEV
Grass			11	20	10		16	14.25	4.65
Penstemon heterodixus			3	3	5		1	3.00	1.63
Eriogonum ovalifolium			8	12	7		5	8.00	2.94
Chrysothamnus v.			5	5	14		4	7.00	4.69
Ribes c.			3	4	4		4	3.75	0.50
Prickly Phlox			1	2	2		2	1.75	0.50

Trifolium andersonii					4	5	3		1	3.25	1.71	
TOTAL VEG					35	51	45		33	41.00	8.49	
GD Rock					29	29	20		37	28.75	6.95	
PA Rock					26	12	16		21	18.75	6.08	
Gravel					4	5	13		4	6.50	4.36	
Soil					6	3	6		5	5.00	1.41	
TOTAL NONVEG					65	49	55		67	59.00	8.49	
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>		
<i>PBR: Draba o.&s., Cusion Phlox, Potentilla breweri, Phacelia, Arabis, Silene</i>												
Site 191	Slope:	20	Aspect:	150	GPS E:			GPS N:			GPS elev.:	
					AH	JD	IT		GE	AVE	STDEV	
Grass					2	1	2		3	2.00	0.82	
Penstemon heterodoxus					1	4	2		4	2.75	1.50	
Trifolium andersonii					2	7	2		2	3.25	2.50	
Eriogonum ovalifolium					2	3	2		2	2.25	0.50	
TOTAL VEG					7	15	8		11	10.25	3.59	
GD Rock					5	20	6		29	15.00	11.58	
PA Rock					4	15	17		13	12.25	5.74	
Gravel					55	40	67		18	45.00	21.12	
Soil					29	10	2		29	17.50	13.67	
TOTAL NONVEG					93	85	92		89	89.75	3.59	
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>		
<i>PBR: Arabis</i>												
Site 193	Slope:	15	Aspect:	110	GPS E:			GPS N:			GPS elev.:	
					AH	JD	IT		GE	AVE	STDEV	
Grass/Sedge					2	3	3		11	4.75	4.19	
Penstemon heterodoxus					1	2	1		4	2.00	1.41	
TOTAL VEG					3	5	4		15	6.75	5.56	
Rock					85	70	80		65	75.00	9.13	
Gravel					6	15	10		15	11.50	4.36	
Soil					6	10	6		4	6.50	2.52	
TOTAL NONVEG					97	95	96		84	93.00	6.06	
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>100</i>		<i>99</i>	<i>99.75</i>		
<i>PBR: Draba s., Oxyria digyna, Antinaria, Arabis l.</i>												
Site 192	Slope:		Aspect:		GPS E:			GPS N:			GPS elev.:	
					LT	JD	LZ		GE	AVE	STDEV	
Artemesia					8	9	10		8	8.75	0.96	
Prickly Phlox					0	2	1		2	1.25	0.96	
Chrysothamnus v.					5	12	2		5	6.00	4.24	
Arinaria					4	2	2		3	2.75	0.96	
Eriogonum ovalifolium					6	6	2		9	5.75	2.87	
Grass					12	13	17		9	12.75	3.30	
Trifolium andersonii					3	7	3		2	3.75	2.22	
Linanthus					3	3	1		0	1.75	1.50	
Penstemon heterodoxus					2	4	2		2	2.50	1.00	
Moss					1	1	0		0	0.50	0.58	
TOTAL VEG					44	59	40		40	45.75	9.03	
Rock					42	30	27		45	36.00	8.83	
Gravel					9	7	26		10	13.00	8.76	
Soil					5	4	7		5	5.25	1.26	
TOTAL NONVEG					56	41	60		60	54.25	9.03	
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>		
<i>PBR: Sticky Bush, Draba o.</i>												
Site 194	Slope:		Aspect:		GPS E:			GPS N:			GPS elev.:	
					LT	JD	LZ		GE	AVE	STDEV	
Grass					34	25	24		29	28.00	4.55	
Eriogonum ovalifolium					12	7	7		10	9.00	2.45	
Linanthus					1	1	0		0	0.50	0.58	
Penstemon heterodoxus					0	1	1		1	0.75	0.50	
Potentilla breweri					1	3	2		2	2.00	0.82	
Chrysothamnus vi.					3	2	3		5	3.25	1.26	
Trifolium andersonii					4	5	8		3	5.00	2.16	
Moss					0	1	0		1	0.50	0.58	
Arinaria					2	3	1		3	2.25	0.96	
TOTAL VEG					57	48	46		54	51.25	5.12	
Rock					18	35	7		25	21.25	11.79	
Gravel					16	10	36		10	18.00	12.33	
Soil					9	7	11		11	9.50	1.91	

TOTAL NONVEG				43	52	54		46	48.75	5.12
<i>total veg+nonveg</i>				100	100	100		100	100	
<i>PBR: Prickly Phlox</i>										
Site 195	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	JD	LZ		GE	AVE	STDEV	
Artemesia			22	23	20		22	21.75	1.26	
Trifolium andersonii			8	8	8		4	7.00	2.00	
Grass			9	15	11		13	12.00	2.58	
Eriogonum ovalifolium			6	8	3		5	5.50	2.08	
Arenaria			1	3	1		1	1.50	1.00	
Draba o.			2	2	1		3	2.00	0.82	
Cushion Phlox			2	2	1		3	2.00	0.82	
Prickly Phlox			1	2	2		1	1.50	0.58	
Penstemon heterodoxus			0	1	0		0	0.25	0.50	
Chrysothamnus v.			1	1	0		1	0.75	0.50	
TOTAL VEG			52	65	47		53	54.25	7.63	
Rock			27	5	5		12	12.25	10.37	
Gravel			12	15	20		15	15.50	3.32	
Soil			9	15	27		20	17.75	7.63	
TOTAL NONVEG			48	35	52		47	45.50	7.33	
<i>total veg+nonveg</i>			100	100	99		100	99.75		
<i>PBR: Potentilla breweri</i>										
Site 196	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	JD	LZ		GE	AVE	STDEV	
Ivesia			6	9	12		11	9.50	2.65	
Eriogonum ovalifolium			7	10	4		10	7.75	2.87	
Trifolium andersonii			5	10	6		8	7.25	2.22	
Grass/Sedge			17	15	9		3	11.00	6.32	
Penstemon heterodoxus			1	4	2		1	2.00	1.41	
TOTAL VEG			36	48	33		33	37.50	7.14	
Rock			12	12	8		16	12.00	3.27	
Gravel			43	30	35		33	35.25	5.56	
Soil			9	10	24		18	15.25	7.09	
TOTAL NONVEG			64	52	67		67	62.50	7.14	
<i>total veg+nonveg</i>			100	100	100		100	100		
<i>PBR: Rumex pauciflora, Linanthus, Sticky bush, draba ogliosperma</i>										
Site 140	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	SJ	LZ		SD	AVE	STDEV	
Happlopapus				5	6		5	5.33	0.58	
Arenaria				1	3		1	1.67	1.15	
Artemesia				17	15		16	16.00	1.00	
Grass				3	3		2	2.67	0.58	
Erigeron clokeyii				1	1		0	0.67	0.58	
Hymenoxys				3	1		0	1.33	1.53	
Chrysothamnus v.				1	2		0	1.00	1.00	
TOTAL VEG			0	31	31		24	21.50	14.71	
Mixed Quartzite Dolomite Skree				40	50		50	46.67	5.77	
Soil				29	19		26	24.67	5.13	
TOTAL NONVEG			0	69	69		76	53.50	35.82	
<i>total veg+nonveg</i>			0	100	100		100	75		
<i>PBR: Cryptantha v., Prickly Phlox, Castilleja nana, Eriogonum g.</i>										
Site 142	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	SJ	LZ		SD	AVE	STDEV	
Prickly Phlox				3	2		5	3.33	1.53	
Chrysothamnus v.				2	2		3	2.33	0.58	
Arenaria				1	4		2	2.33	1.53	
Artemesia				11	9		16	12.00	3.61	
Erigeron clokeyii				1	1		0	0.67	0.58	
Lupinus argenteus				1	1		1	1.00	0.00	
Grass				8	7		8	7.67	0.58	
Astragalus				1	1		1	1.00	0.00	
TOTAL VEG			0	28	27		36	22.75	15.69	
Rock				12	19		40	23.67	14.57	
Gravel				45	39		20	34.67	13.05	
Soil				15	15		4	11.33	6.35	
TOTAL NONVEG			0	72	73		64	52.25	35.07	
<i>total veg+nonveg</i>			0	100	100		100	75		
<i>PBR: Hymenoxys, Castilleja nana, Happlopapus</i>										

Site 144	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
					LT	SJ	LZ		SD	AVE	STDEV
Bristlecone						16	37		25	26.00	10.54
Deadwood						3	8		5	5.33	2.52
Grass						5	5		4	4.67	0.58
Happlopapus						1	1		3	1.67	1.15
Arenaria						0	2		2	1.33	1.15
Cryptantha v.						1	1		0	0.67	0.58
Prickly Phlox						1	1		1	1.00	0.00
Limber Pine						2	4		3	3.00	1.00
Duff						7	6		10	7.67	2.08
TOTAL VEG					0	36	65		53	38.50	28.29
Rock						3	2		0	1.67	1.53
Gravel						18	7		15	13.33	5.69
Soil						43	27		32	34.00	8.19
TOTAL NONVEG					0	64	36		47	36.75	27.07
<i>total veg+nonveg</i>					0	100	101		100	75.25	
<i>PBR: Chrysothamnus v., Erigeron clokeyii, Linanthus, Artemesia, Tetradymia canescens</i>											
Site 146	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
					LT	SJ	LZ		SD	AVE	STDEV
Chrysothamnus v.						3	3		2	2.67	0.58
Happlopapus						1	2		2	1.67	0.58
Bristlecone						16	24		18	19.33	4.16
Artemesia						0	2		3	1.67	1.53
Grass						2	3		4	3.00	1.00
Arenaria						1	1		0	0.67	0.58
Deadwood						3	7		4	4.67	2.08
Duff						1	2		2	1.67	0.58
TOTAL VEG					0	27	44		35	26.50	18.98
Dolomite Rock						18	8		15	13.67	5.13
Gravel						25	24		30	26.33	3.21
Soil						30	24		20	24.67	5.03
TOTAL NONVEG					0	73	56		65	48.50	33.07
<i>total veg+nonveg</i>					0	100	100		100	75	
<i>PBR: Castilleja nana, Hymenoxys, Cryptantha v., Prickly Phlox, Tetradymia canescens, Erigeron clokeyii, Penstemon heterodoxus</i>											
Site 148	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
					LT	SJ	LZ		SD	AVE	STDEV
Arenaria						0	1		1	0.67	0.58
Trifolium andersonii						4	2		10	5.33	4.16
Tetradymia canescens						1	0		1	0.67	0.58
Bristlecone						24	15		25	21.33	5.51
Deadwood						2	5		5	4.00	1.73
Duff						10	19		15	14.67	4.51
Grass						1	1		2	1.33	0.58
Linthus						1	1		1	1.00	0.00
Chrysothamnus v						2	0		0	0.67	1.15
Limber Pine						2	2		2	2.00	0.00
TOTAL VEG					0	47	46		62	38.75	26.85
Dolomite Rock						13	8		8	9.67	2.89
Gravel						15	36		20	23.67	10.97
Soil						25	10		10	15.00	8.66
TOTAL NONVEG					0	53	54		38	36.25	25.25
<i>total veg+nonveg</i>					0	100	100		100	75	
<i>PBR: Lomatium, Green soggy moss</i>											
Site 150	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
					LT	SJ	LZ		SD	AVE	STDEV
Prickly Phlox						1	1		1	1.00	0.00
Grass						6	15		7	9.33	4.93
Artemesia						16	24		15	18.33	4.93
Antineria						1	1		2	1.33	0.58
Chrysothamnus v						7	3		8	6.00	2.65
Linthus						3	3		2	2.67	0.58
Menoradella						2	0		1	1.00	1.00
Eriogonum g.						1	1		0	0.67	0.58
TOTAL VEG					0	37	48		36	30.25	20.89
Quartzite Rock						10	5		20	11.67	7.64
Gravel						38	40		33	37.00	3.61
Soil						15	7		10	10.67	4.04
TOTAL NONVEG					0	63	52		63	44.50	30.12

total veg+nonveg										
0 100 100 99 74.75										
PBR: <i>Castilleja nana</i> , <i>Lupinus argenteus</i> , <i>Eriogonum ovalifolium</i> , <i>Penstemon h.</i> , <i>Antinaria</i> , <i>Chrysothamnus v.</i> , <i>Erigeron clokeyii</i>										
Site 152	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
					LT	SJ	LZ	SD	AVE	STDEV
Artemesia						10	12	16	12.67	3.06
Ribes						1	2	0	1.00	1.00
Linanthus						1	3	5	3.00	2.00
Grass						9	5	8	7.33	2.08
Menoradella						0	0	0	0.00	0.00
Arinaria						0	1	1	0.67	0.58
Bristlecone						6	5	7	6.00	1.00
Limber						5	3	2	3.33	1.53
Deadwood						1	3	1	1.67	1.15
Crypthantha v.						2	1	1	1.33	0.58
TOTAL VEG					0	35	35	41	27.75	18.71
Quartzite Rock						15	8	5	9.33	5.13
Gravel						40	51	49	46.67	5.86
Soil						10	6	5	7.00	2.65
TOTAL NONVEG					0	65	65	59	47.25	31.63
total veg+nonveg										
0 100 100 100 75										
PBR: <i>Chrysothamnus v.</i> , <i>Slaginella</i> , <i>Erigeron clokeyii</i> , <i>Penstemon h.</i> , <i>Castilleja nana</i> , <i>Prickly Phlox</i>										
Site 154	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
					LT	SJ	LZ	SD	AVE	STDEV
Prickly Phlox						1	1	4	2.00	1.73
Artemesia						9	7	10	8.67	1.53
Ribes c.						2	4	1	2.33	1.53
Chrysothamnus v.						1	0	1	0.67	0.58
Grass						5	4	5	4.67	0.58
Deadwood						2	2	2	2.00	0.00
Linanthus						2	2	2	2.00	0.00
TOTAL VEG					0	22	20	25	16.75	11.35
Quartzite Rock						33	23	40	32.00	8.54
Gravel						33	56	30	39.67	14.22
Soil						12	1	5	6.00	5.57
TOTAL NONVEG					0	78	80	75	58.25	38.89
total veg+nonveg										
0 100 100 100 75										
PBR: <i>Cysopteris fragilis</i> , <i>Hymenoxys</i> , <i>Erigeron c.</i> , <i>Monardella</i> , <i>Arinaria</i> , <i>Castilleja nana</i> , <i>Eriogonum g.</i> , <i>Slaginella</i>										
Site 156	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
					LT	SJ	LZ	SD	AVE	STDEV
Ribes c.						2	3	1	2.00	1.00
Artemesia						12	13	13	12.67	0.58
Monardella						2	1	3	2.00	1.00
Grass						10	7	8	8.33	1.53
Castilleja nana						1	1	0	0.67	0.58
Prickly Phlox						1	1	2	1.33	0.58
Eriogonum ph.						1	1	1	1.00	0.00
Erigeron clokeyii						0	0	0	0.00	0.00
Chrysothamnus vl						1	1	1	1.00	0.00
TOTAL VEG					0	30	28	29	21.75	14.52
Rock						4	4	4	4.00	0.00
Gravel						50	62	62	58.00	6.93
Soil						16	6	5	9.00	6.08
TOTAL NONVEG					0	70	72	71	53.25	35.51
total veg+nonveg										
0 100 100 100 75										
PBR: <i>Arinaria</i> , <i>Eriogonum g.</i> , <i>Castilleja nana</i>										
Site 158	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:	
					LT	SJ	LZ	SD	AVE	STDEV
Artemesia						6	4	8	6.00	2.00
Chrysothamnus v.						4	4	3	3.67	0.58
Prickly Phlox						1	1	1	1.00	0.00
Arinaria						2	1	1	1.33	0.58
Grass						4	3	3	3.33	0.58
Ribes c.						2	2	1	1.67	0.58
Castilleja						0	0	0	0.00	0.00
TOTAL VEG					0	19	15	17	12.75	8.66
Rock						15	6	3	8.00	6.24
Gravel						59	79	75	71.00	10.58
Soil						7	1	5	4.33	3.06
TOTAL NONVEG					0	81	86	83	62.50	41.72

total veg+nonveg												
0 100 101 100 75.25												
PBR: <i>Hymenoxys</i> , <i>Erigeron clokeyii</i> , <i>Castilleja nana</i> , <i>Astragalus</i> ?, <i>Cryptantha v.</i> , <i>Penstemon</i> , <i>Cut-leaf Daisy</i>												
Site 160	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
					LT	SJ	LZ	SD	AVE	STDEV		
Arinaria						3	2	3	2.67	0.58		
Artemesia						22	22	20	21.33	1.15		
Erigeron clokeyii						0	1	1	0.67	0.58		
Castilleja nana						0	1	0	0.33	0.58		
Grass						9	8	6	7.67	1.53		
Lupinus argentus						2	2	1	1.67	0.58		
Prickly Phlox						1	1	1	1.00	0.00		
TOTAL VEG						0	37	37	32	26.50	17.82	
Gravel						43	41	58	47.33	9.29		
Soil						20	22	10	17.33	6.43		
TOTAL NONVEG						0	63	63	68	48.50	32.42	
total veg+nonveg												
0 100 100 100 75												
PBR: <i>Hymenoxys</i> , <i>Castilleja nana</i> , <i>Eriogonum umbellatum</i> & <i>gracilipes</i> , <i>Chrysothamnus v</i>												
Site 162	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
					LT	SJ	LZ	SD	AVE	STDEV		
Potentilla breweri						13	11	8	10.67	2.52		
Atemesia						9	13	10	10.67	2.08		
Prickly Phlox						0	1	0	0.33	0.58		
Arenaria						2	3	2	2.33	0.58		
Erigeron clokeyii						1	1	1	1.00	0.00		
Grass						4	2	6	4.00	2.00		
TOTAL VEG						0	29	31	0	27	17.40	15.95
Rock						2	1	1	1.33	0.58		
Gravel						56	56	60	57.33	2.31		
Soil						13	12	12	12.33	0.58		
TOTAL NONVEG						0	71	69	73	53.25	35.54	
total veg+nonveg												
0 100 100 100 70.65												
PBR: <i>Hymenoxys</i> , <i>Cryptantha v.</i> , <i>Castilleja nana</i> , <i>Astragalus l.</i>												
Site 164	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
					LT	SJ	LZ	SD	AVE	STDEV		
Lupinus argentus						1	1	1	1.00	0.00		
Arinaria						3	2	6	3.67	2.08		
Artemesia						23	23	25	23.67	1.15		
Grass						11	11	18	13.33	4.04		
Erigeron clokeyii						0	0	0	0.00	0.00		
TOTAL VEG						0	38	37	50	31.25	21.65	
Gravel						50	51	32	44.33	10.69		
Soil						12	12	18	14.00	3.46		
TOTAL NONVEG						0	62	63	50	43.75	29.76	
total veg+nonveg												
0 100 100 100 75												
PBR: <i>Hymenoxys</i> , <i>Castilleja nana</i> , <i>Chrysothamnus v.</i> , <i>Penstemon heterodoxus</i>												
Site 166	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
					LT	SJ	LZ	SD	AVE	STDEV		
Bristlecone						16	10	15	13.67	3.21		
Artemesia						7	4	6	5.67	1.53		
Happlopapus						5	3	8	5.33	2.52		
Grass						2	2	2	2.00	0.00		
Arenaria						0	0	0	0.00	0.00		
Ribes c.						1	1	0	0.67	0.58		
Limber						2	2	1	1.67	0.58		
Deadwood						1	3	1	1.67	1.15		
TOTAL VEG						0	34	25	33	23.00	15.85	
Marble outcrop						28	23	28	26.33	2.89		
Argelite skree						13	27	12	17.33	8.39		
Marble gravel						14	15	17	15.33	1.53		
Marble gravel						11	16	10	12.33	3.21		
TOTAL NONVEG						0	66	81	0	67	42.80	39.52
total veg+nonveg												
0 100 106 0 100 69.13333												
Site 168	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:			
					LT	SJ	LZ	SD	AVE	STDEV		
Mtn Mahogany						34	29	30	31.00	2.65		
Artemesia						6	4	4	4.67	1.15		
Chrysothamnus v.						4	5	8	5.67	2.08		
Grass						2	1	2	1.67	0.58		

Castilleja						0	1			0	0.33	0.58
Crypthantha v.						0	2			1	1.00	1.00
TOTAL VEG						0	46	42		45	33.25	22.23
Rock						2	1			2	1.67	0.58
Gravel						34	45			33	37.33	6.66
Soil						18	12			20	16.67	4.16
TOTAL NONVEG						0	54	58		55	41.75	27.89
<i>total veg+nonveg</i>						0	100	100		100	75	
<i>PBR: Erigeron c., Arinaria, Eribus pulch.</i>												
Site 170	Slope:	Aspect:	GPS E:			GPS N:			GPS elev.:			
			LT	SJ	LZ			SD	AVE	STDEV		
Artemesia				22	29			20	23.67	4.73		
Linanthus				7	7			8	7.33	0.58		
Chrysothamnus v.				1	1			1	1.00	0.00		
Prickly Phlox				2	5			4	3.67	1.53		
Grass				6	6			6	6.00	0.00		
Senecio m.				0	1			0	0.33	0.58		
Limber				1	1			1	1.00	0.00		
Deadwood				1	1			1	1.00	0.00		
TOTAL VEG				0	40	51		41	33.00	22.55		
Rock				4	1			2	2.33	1.53		
Gravel				36	34			42	37.33	4.16		
Soil				20	14			15	16.33	3.21		
TOTAL NONVEG				0	60	49		59	42.00	28.44		
<i>total veg+nonveg</i>				0	100	100		100	75			
<i>PBR: Penstemon, Castilleja, Cal. Buckwheat, Eriogonum umb., Menoradella, Moss</i>												
Site 172	Slope:	Aspect:	GPS E:			GPS N:			GPS elev.:			
			LT	SJ	LZ			SD	AVE	STDEV		
Mtn. Mahogany				24	26			25	25.00	1.00		
Artemesia				12	16			18	15.33	3.06		
Chrysothamnus v.				2	1			1	1.33	0.58		
Grass				2	1			0	1.00	1.00		
Ephedra v.				3	5			4	4.00	1.00		
TOTAL VEG				0	43	49		48	35.00	23.48		
Rock				4	2			5	3.67	1.53		
Gravel				38	33			27	32.67	5.51		
Soil				15	13			20	16.00	3.61		
TOTAL NONVEG				0	57	48		52	39.25	26.42		
<i>total veg+nonveg</i>				0	100	97		100	74.25			
<i>PBR:</i>												
Site 174	Slope:	Aspect:	GPS E:			GPS N:			GPS elev.:			
			LT	SJ	LZ			SD	AVE	STDEV		
Aspen				60	38			55	51.00	11.53		
Lupinus argenteus				4	1			3	2.67	1.53		
Artemesia				6	3			2	3.67	2.08		
Deadwood				2	4			5	3.67	1.53		
Monardella				2	2			3	2.33	0.58		
Duff				10	37			14	20.33	14.57		
Mtn. Mahogany				1	0			0	0.33	0.58		
Limber				1	3			2	2.00	1.00		
Bristlecone				1	4			1	2.00	1.73		
TOTAL VEG				0	87	92		85	66.00	44.10		
Gravel				11	6			12	9.67	3.21		
Soil				2	2			3	2.33	0.58		
TOTAL NONVEG				0	13	8		15	9.00	6.68		
<i>total veg+nonveg</i>				0	100	100		100	75			
<i>PBR: Grass, Moss, Linanthus, Arinaria, Astragalus</i>												
Site 176	Slope:	Aspect:	GPS E:			GPS N:			GPS elev.:			
			LT	SJ	LZ			SD	AVE	STDEV		
Draba o.				2	2			2	1.75	0.50		
Draba s.				1	0			0	0.25	0.50		
Trifolium andersonii				8	9			9	8.00	1.41		
Seliganella				2	3			2	2.25	0.50		
Long-Leaf Buck (Rumex pauciflora)				1	0			0	0.25	0.50		
Grass				6	14			10	9.00	3.83		
Dandelion				1	0			0	0.50	0.58		
Cushion Phlox				2	0			0	0.75	0.96		
Eriogonum ovalifolium				8	3			4	5.00	2.16		
TOTAL VEG				31	31	22		27	27.75	4.27		

Rock				47	46	48		30	42.75	8.54
Gravel				14	20	25		33	23.00	8.04
Soil				8	3	5		10	6.50	3.11
TOTAL NONVEG				69	69	78		73	72.25	4.27
<i>total veg+nonveg</i>				100	100	100		100	100	
<i>PBR: Lewisia pygmaea, carex</i>										
Site 178	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	SJ	LZ		SD	AVE	STDEV	
Grass			29	16	8		15	17.00	8.76	
Eriogonum ovalifolium			5	5	7		8	6.25	1.50	
Draba o.			2	2	2		2	2.00	0.00	
Seliganella			2	4	3		2	2.75	0.96	
Trifolium andersonii			3	18	12		13	11.50	6.24	
Rumex pauciflora			1	1	2		1	1.25	0.50	
TOTAL VEG			42	46	34		41	40.75	4.99	
Rock				40	35	53		20	37.00	13.64
Gravel				10	15	8		31	16.00	10.42
Soil				8	4	5		8	6.25	2.06
TOTAL NONVEG				58	54	66		59	59.25	4.99
<i>total veg+nonveg</i>				100	100	100		100	100	
<i>PBR: Phlox condensata, Ivesia pygmaea, Draba ogliospermus, Potentilla lyonis, Heuchera, Oxytropis parryi</i>										
Site 180	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	SJ	LZ		SD	AVE	STDEV	
Eriogonum ovalifolium			8	6	14		10	9.50	3.42	
Trifolium andersonii			13	16	13		10	13.00	2.45	
Grass			25	25	13		20	20.75	5.68	
Seliganella			8	3	2		2	3.75	2.87	
Draba o.			0	1	1		1	0.75	0.50	
Brown lichen			2	2	3		5	3.00	1.41	
TOTAL VEG			56	53	46		48	50.75	4.57	
Rock				26	20	41		10	24.25	12.97
Gravel				15	19	10		32	19.00	9.42
Soil				3	8	2		10	5.75	3.86
TOTAL NONVEG				44	47	53		52	49.00	4.24
<i>total veg+nonveg</i>				100	100	99		100	99.75	
<i>PBR: Draba sierrae</i>										
Site 182	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	SJ	LZ		SD	AVE	STDEV	
Trifolium andersonii			12	11	9		7	9.75	2.22	
Seliganella			8	2	1		1	3.00	3.37	
Grass			20	18	16		15	17.25	2.22	
Eriogonum ovalifolium			3	0	0		1	1.00	1.41	
Rumex pauciflora			1	1	1		1	1.00	0.00	
TOTAL VEG			44	32	27		25	32.00	8.52	
Rock				36	30	20		20	26.50	7.90
Gravel				12	20	38		30	25.00	11.37
Soil				8	18	15		25	16.50	7.05
TOTAL NONVEG				56	68	73		75	68.00	8.52
<i>total veg+nonveg</i>				100	100	100		100	100	
<i>PBR: Potentilla lyonis, Ivesia pygmaea</i>										
Site 184	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			
			LT	SJ	LZ		SD	AVE	STDEV	
Ivesia			12	8	5		20	11.25	6.50	
Grass			50	69	67		50	59.00	10.42	
Trifolium andersonii			4	4	5		1	3.50	1.73	
Sedum			0	0	1		0	0.25	0.50	
Eriogonum ovalifolium			1	2	2		1	1.50	0.58	
Seliganella			1	0	1		0	0.50	0.58	
TOTAL VEG			68	83	81		72	76.00	7.16	
Standing water				8	3	3		10	6.00	3.56
Rock				10	6	7		3	6.50	2.89
Gravel				10	4	6		8	7.00	2.58
Soil				4	4	2		8	4.50	2.52
TOTAL NONVEG				32	17	18		29	24.00	7.62
<i>total veg+nonveg</i>				100	100	99		101	100	
<i>PBR: Pedicularis attoleus</i>										
Site 186	Slope:	Aspect:	GPS E:	GPS N:			GPS elev.:			

					LT	SJ	LZ		SD	AVE	STDEV
Antennaria					1	0	1		0	0.50	0.58
Grass					20	10	10		13	13.25	4.72
Eriogonum ovalifolium					14	8	6		2	7.50	5.00
Penstemon heterodoxus					9	6	3		5	5.75	2.50
Trifolium andersonii					4	14	7		10	8.75	4.27
TOTAL VEG					48	38	27		30	35.75	9.39
Rock					40	32	40		20	33.00	9.45
Gravel					10	10	14		17	12.75	3.40
Soil					2	20	20		33	18.75	12.74
TOTAL NONVEG					52	62	74		70	64.50	9.71
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>101</i>		<i>100</i>	<i>100.25</i>	
<i>PBR: Castilleja nana, ivesia lycopodioides, rumex pauciflora, antennaria, phlox condensata</i>											
Site 188	Slope:		Aspect:		GPS E:		GPS N:		GPS elev.:		
					LT	SJ	LZ		SD	AVE	STDEV
Grass					36	37	50		40	40.75	6.40
Eriogonum ovalifolium					9	5	5		5	6.00	2.00
Trifolium andersonii					6	10	7		10	8.25	2.06
Cushion Phlox					1	0	1		1	0.75	0.50
TOTAL VEG					52	52	63		56	55.75	5.19
Rock					12	8	5		5	7.50	3.32
Gravel					16	8	8		10	10.50	3.79
Soil					20	32	24		29	26.25	5.32
TOTAL NONVEG					48	48	37		44	44.25	5.19
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>100</i>		<i>100</i>	<i>100</i>	
<i>PBR: Castilleja nana, Draba o., Lewisia</i>											
<i>PBR: Draba</i>											
Site 190	Slope:	0	Aspect:	0	GPS E:		GPS N:		GPS elev.:		
					AH	SJ	SD	IT		AVE	STDEV
grass					40	37	35	45		39.25	4.35
potentilla sp.					2	2	3	2		2.25	0.50
eriongonum ovalifolium					8	5	6	9		7.00	1.83
cushin phlox					0	1	0	0		0.25	0.50
trifolium andersonii					18	6	10	7		10.25	5.44
TOTAL VEG					68	51	54	63	0	47.20	27.25
Rock					28	38	36	29		32.75	4.99
Chips					4	8	7	4		5.75	2.06
Soil					0	3	4	4		2.75	1.89
TOTAL NONVEG					32	49	47	37	0	33.00	19.74
<i>total veg+nonveg</i>					<i>100</i>	<i>100</i>	<i>101</i>	<i>100</i>	<i>0</i>	<i>80.2</i>	