

Crown cover and composition of vegetation on study plots
Based on live crown

species	Exlosure plot				Check plot				Crown basis 1952					
	1962		1952		1962		1952		Conversion factor from root-crown to crown area	Inside		Outside		
	Cover sq" %	Comp. %	Cover %	Comp. %	Cover sq" %	Comp. %	Cover %	Comp. %		Cover %	Comp. %			
Herbs														
<i>Festuca idahoensis</i>	57	1.58	46	1.35	41	8478	2.17	60	—	—	2.97	1.24	3.68	7.5
<i>Carex rossii</i>	40	1.11	32	1.17	35	36	1.00	28	—	—	2.00	1.17	2.34	4.8
<i>Stemonis hystrix</i>	11	.31	9	.68	21	1	.03	1	—	—	4.31	.68	2.93	6.0
<i>Stipa Thurberiana</i>	6	.17	5			6	.17	5	—	—	2.97	.11	.33	1.7
<i>Stipa occidentalis</i>	6	.16	5	.11	3	6	.17	5	—	—	7.29	.11	.80	1.6
<i>Poa sandbergii</i>						1	.01	—						
<i>Eriogonum umbellatum</i>	4	.11	3			1	.03	1	—	—	Crown	.10	.10	.2
Total	124	3.44	100	3.36	100	129	3.58	100	—	—		3.41	10.18	
Shrubs														
<i>Purshia tridentata</i>	76.70	2.66	24	26.02	67	51034	1.77	33	6.77	46	Crown	26.02	53.2	
<i>Artemisia tridentata</i>	28,217	7.61	69	12.31	32	28939	3.09	57	7.29	49	"	12.31	25.2	
<i>Chrysanthemum bleameri</i>	20970	.73	7	0.41	1	16510	.57	10	0.68	5	"	0.41	.8	
Total	316,888	11.00	100	38.74	100	156483	5.43	100	14.74	100		38.74		
Total (Herbs and shrubs)	1444			42.04		9.01						48.92	100.0	

Pines

- Other species
- Callisia parviflora* ✓
 - Phlox gracilis* ✓
 - Viola (yellow & blue)* ✓
 - Astragalus purshii* ✓
 - Fritillaria* ✓
 - Lomatium sp.* ✓

Amount greater than on exlosure plot because more large pines
This species could not be differentiated from *Fi* in grazed condition probably same amount as on exlosure plot

Area of 1962 Herb plots = 3600 sq meters

$$\frac{1}{3600} = 2778$$

$$\frac{1}{344} = 29069$$

$$\frac{1}{3.58} = 27933$$

$$\frac{1}{11.00} = 90913$$

$$\frac{1}{543} = 1842$$

$$\frac{1}{407.751} =$$

$$\frac{1}{288} = 34722$$

100x200x144 = 2880000
plot 37x factor

$$\frac{1}{4892} = 2044$$