

**Table D8-3 Cover Parameters of the Upland Big Sagebrush Shrubland † (Page 1 of 3)**

Species	Mean Cover (percent)	Relative Cover (percent)	Lowest Cover Value (percent)	Highest Cover Value (percent)	Frequency (percent)	Relative Frequency (percent)	Importance Value	Rank
<b>COOL SEASON PERENNIAL GRASSES AND GRASSLIKE PLANTS</b>								
<i>Agropyron dasystachyum</i>	0.9	3.45	0	6	95	6.69	10.14	5
<i>Agropyron spicatum</i>	0.6	2.30	0	4	50	3.52	5.82	10
<i>Koeleria macrantha</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
<i>Oryzopsis hymenoides</i>	1.5	5.75	<1	10	100	7.04	12.79	4
<i>Poa secunda</i>	3.5	13.41	<1	10	100	7.04	20.45	2
<i>Sitanion longifolium</i>	<0.1	<0.1	0	<1	45	3.17	3.17	15
<i>Stipa comata</i>	2.3	8.81	0	16	80	5.63	14.45	3
Sub-Total	8.8							
<b>PERENNIAL FORBS</b>								
<i>Allium textile</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
<i>Arabis sp.</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
<i>Astragalus mollissimus</i>	<0.1	<0.1	0	<1	30	2.11	2.11	18
<i>Cryptantha thrysiflora</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
<i>Erigeron pumilus</i>	<0.1	<0.1	0	<1	90	6.34	6.34	9
<i>Hymenoxis acaulis</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
<i>Machaeranthera canescens</i>	<0.1	<0.1	0	<1	15	1.06	1.06	20
<i>Trifolium gymnocarpon</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
Sub-Total	<0.1							

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<b>CUSHION PLANTS</b>								
<i>Arenaria hookeri</i>	0.2	0.77	0	<1	75	5.28	5.28	11
<i>Astragalus spatulatus</i>	0.1	0.38	0	2	15	1.06	1.06	20
<i>Eriogonum acaule</i>	<0.1	<0.1	0	<1	10	0.70	0.70	22
<i>Eriogonum ovalifolium</i>	<0.1	<0.1	0	<1	55	3.87	3.87	13
<i>Haplopappus acaulis</i>	<0.1	<0.1	0	<1	65	4.58	4.58	12
<i>Paronychia sessiliflora</i>	0.2	0.77	0	2	45	3.17	3.17	15
<i>Phlox hoodii</i>	1.6	6.13	0	6	100	7.04	7.04	8
Sub-Total	2.1							
<b>SEMI-SHRUBS</b>								
<i>Artemisia frigida</i>	0.1	0.38	0	2	30	2.11	2.11	18
<i>Artemisia spinescens</i>	<0.1	<0.1	0	<1	5	0.35	0.35	23
<i>Ceratoides lanata</i>	0.5	1.92	0	<1	55	3.87	3.87	13
<i>Leptodactylon pungens</i>	<0.1	<0.1	0	<1	40	2.82	2.82	17
Sub-Total	0.6							
<b>CACTI</b>								
<i>Opuntia polyacantha</i>	0.2	0.77	0	2	95	6.69	7.46	7

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<b>SHRUBS</b>								
<i>Artemisia tridentata</i>	14.1	54.02	6	26	100	7.04	61.07	1
<i>Chrysothamnus viscidiflorus</i>	0.3	1.15	0	2	95	6.69	7.84	6
Sub-Total	14.4							
<b>LICHENS</b>								
<i>Parmelia chlorochroa</i> (lichen)	1.0		0	8	90			
Number of Species per 100 m <sup>2</sup>	15.1							
		<b>SD</b> <sup>1</sup>						
Total Vegetation Cover	26.1	4.962						
Total Cover by Perennial Species	24.0	5.272						
Litter and Rock Combined	22	5.657						
Litter (and lichens)	22	5.657						
Rock								
Bare Soil	51.9	6.973						
Total Ground Cover	48.1	6.973						

† Based on data from twenty 25-meter point intercept transects sampled June 10 to 12, 2006

<sup>1</sup> SD = standard deviation