

**Table D8-6 Cover Parameters of the Lowland 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>	1.2	2.78	0	8	90	7.09	9.87	4
<i>Agropyron spicatum</i>	0.3	0.70	0	2	25	1.97	2.66	16
<i>Carex douglasii</i>	0.2	0.46	0	2	20	1.57	2.04	20
<i>Carex eleocharis</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Elymus cinereus</i>	0.2	0.46	0	2	15	1.18	1.65	22
<i>Koeleria macrantha</i>	0.1	0.23	0	2	10	0.79	1.02	26
<i>Muhlenbergia richardsonis</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Oryzopsis hymenoides</i>	0.7	1.62	0	4	65	5.12	6.74	7
<i>Poa secunda</i>	2.3	5.34	0	8	90	7.09	12.42	3
<i>Sitanion longifolium</i>	0.4	0.93	0	4	95	7.48	8.41	5
<i>Stipa comata</i>	0.8	1.86	0	4	55	4.33	6.19	8
<i>Stipa lettermannii</i>	0.7	1.62	0	4	45	3.54	5.17	9
Sub-Total	6.9							
<b>PERENNIAL FORBS</b>								
<i>Allium textile</i>	<0.1	<0.1	0	<1	20	1.57	1.57	23
<i>Antennaria rosea</i>	<0.1	<0.1	0	<1	10	0.79	0.79	27
<i>Arabis sp.</i>	<0.1	<0.1	0	<1	35	2.76	2.76	13
<i>Crepis occidentalis</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Senecio integerrimus</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Trifolium gymnocarpon</i>	0.1	0.23	0	2	30	2.36	2.59	17
Sub-Total	0.1							

**Table D8-6 Cover Parameters of the Lowland Big Sagebrush Shrubland (Page 2 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>CUSHION PLANTS</b>								
<i>Arenaria hookeri</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Eriogonum acaule</i>	0.1	0.23	0	2	25	1.97	2.20	18
<i>Eriogonum ovalifolium</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Phlox hoodii</i>	<0.1	<0.1	0	<1	35	2.76	2.76	13
Sub-Total	0.1							
<b>ANNUAL FORBS</b>								
<i>Alyssum desertorum</i>	0.2	0.46	0	2	20	1.57	2.04	19
<i>Chenopodium album</i>	<0.1	<0.1	0	<1	10	0.79	0.79	27
<i>Chenopodium leptophyllum</i>	<0.1	<0.1	0	<1	10	0.79	0.79	27
<i>Cordylanthus ramosus</i>	0.7	1.62	0	4	85	6.69	8.32	6
<i>Cryptantha minima</i>	<0.1	<0.1	0	<1	20	1.57	1.57	23
<i>Descurainia pinnata</i>	<0.1	<0.1	0	<1	25	1.97	1.97	21
<i>Gayophytum ramossissimum</i>	0.2	0.46	0	2	50	3.94	4.40	10
<i>Microsteris micrantha</i>	<0.1	<0.1	0	<1	5	0.39	0.39	32
<i>Navarettia breweri</i>	<0.1	<0.1	0	<1	10	0.79	0.79	27
<i>Polygonum sawatchense</i>	<0.1	<0.1	0	<1	10	0.79	0.79	27
Sub-Total	1.1							
<b>SEMI-SHRUBS</b>								
<i>Ceratoides lanata</i>	<0.1	<0.1	0	<1	15	1.18	1.18	25
<i>Leptodactylon pungens</i>	<0.1	<0.1	0	<1	35	2.76	2.76	13
Sub-Total	<0.1							

**Table D8-6 Cover Parameters of the Lowland Big Sagebrush Shrubland (Page 3 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>CACTI</b>								
<i>Opuntia polyacantha</i>	0.1	0.23	0	2	50	3.94	4.17	11
<b>SHRUBS</b>								
<i>Artemisia tridentata</i>	30.9	71.69	10	48	100	7.87	79.57	1
<i>Chrysothamnus nauseosus</i>	0.5	1.16	0	6	35	2.76	3.92	12
<i>Chrysothamnus viscidiflorus</i>	3.4	7.89	0	18	95	7.48	15.37	2
Sub-Total	34.8							
<b>LICHENS</b>								
<i>Parmelia chlorochroa (lichen)</i>	0.1							
Number of Species per 100 m <sup>2</sup>	12.8							
		<b>SD<sup>1</sup></b>						
Total Vegetation Cover	43.1	8.813						
Total Cover by Perennial Species	42.0	8.360						
Litter and Rock Combined	33.8	11.678						
Litter (and lichens)	33.8	11.678						
Rock								
Bare Soil	23.1	15.874						
Total Ground Cover	76.9	15.874						

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

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