

Appendix 3. Canopy cover of plants in plots in the potential Wildlife Draw Research Natural Area.

In all of the tables in this appendix, the cover values for species are midpoints of the following cover classes:

<u>Cover Value</u>	<u>Range of Canopy Cover</u>
1	<1%
3	1% - 5%
10	5% - 15%
20	15% - 25%
30	25% - 35%
40	35% - 45%
50	45% - 55%
60	55% - 65%
70	65% - 75%
80	75% - 85%
90	85% - 95%
97	95% - 100%

Table 3-1. Canopy cover data from sample plots in the potential Wildlife Draw RNA. See the first page of Appendix 3 for a description of cover values.

Species	Plot/Association*					
	1	2	3	4	5	6
	Artrri/ Sticom	Arttri/ Sticom	Sticom/ Bougra	Sticom/ Bougra	Elysmi/ Carfil	Artcan/ Elysmi
<b>DWARF SHRUBS</b>						
<i>Artemisia cana</i> var. <i>cana</i>				1		40
<i>Artemisia tridentata</i> var. <i>wyomingensis</i>	50	50	1			10
<i>Krascheninnikovia lanata</i>	1		1	1		
<b>GRAMINOIDS</b>						
<i>Bouteloua gracilis</i>	1	3	60	40	20	
<i>Bromus japonicus</i>				1		30
<i>Bromus tectorum</i>	70	10	1	1	1	3
<i>Carex filifolia</i>	1		1	1	30	
<i>Elymus smithii</i>	10	3	3	20	30	20
<i>Elymus elymoides</i>		3				
<i>Festuca octoflora</i>		10	3	10	3	
<i>Koeleria macrantha</i>						10
<i>Poa secunda</i>		10		30		
<i>Stipa comata</i>	20	3	30	20	10	
<b>FORBS</b>						
<i>Achillium millefolium</i>						1
<i>Alyssum desertorum</i>			1		1	1
<i>Artemisia frigida</i>	1	3	1	3		1
<i>Erigeron</i> sp.				1		
<i>Filago arvensis</i>		1				
<i>Grindelia squarrosa</i>				1		
<i>Gutierrezia sarothrae</i>				1	1	1
<i>Hedeoma hispidum</i>		1				
<i>Opuntia polyacantha</i>	1	3	1	3	1	1
<i>Penstemon</i> sp.					1	
<i>Polygonum</i> sp.				1		
<i>Sphaeralcea coccinea</i>	1					
<i>Tragopogon dubius</i>						1

Table 3-1 (continued). Canopy cover data from sample plots in the potential Wildlife Draw.

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	Plot/Association*					
	1	2	3	4	5	6
	Artri/ Sticom	Artri/ Sticom	Sticom/ Bougra	Sticom/ Bougra	Elysmi/ Carfil	Artcan/ Elysmi
<b>GROUND COVER</b>						
Bare ground	40	43	65	57	60	55
Gravel					1	
Rock					1	
Litter	51	46	29	36	31	40
Wood		5				1
Moss & lichen	1	1	1	3	1	
Basal vegetation	5	5	5	4	6	4

**\*Association acronyms**

Artri/Sticom = Big sagebrush/needle-and-thread association

Sticom/Bougra = Needle-and-thread/blue grama association

Elysmi/Carfil = Western wheatgrass/threadleaf sedge association

Artcan/Elysmi = Basin big sagebrush/western wheatgrass association

**Notes**

Plot 1: 10 m x 20 m, in west-facing swale

Plot 2: 10 m x 20 m, on gentle, northeast-facing slope

Plot 3: 5 m x 20 m, on gentle, west-facing slope

Plot 4: 10 m x 20 m, on broad ridge sloping gently to northeast

Plot 5: 5 m x 20 m, on southwest-facing slope with a sandstone outcrop

Plot 6: 5 m x 20 m, in bottom of north-facing draw

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