

Appendix 2. Canopy cover of plants in plots in the potential Playas 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 2-1. Canopy cover data from sample plots in the potential Playas RNA. See the first page of Appendix 3 for a description of cover values.

Species	Plot/Association*					
	1a Elysmi/ Eleaci	1b Elysmi/ Eleaci	2a Elysmi/ Eleaci	2b Elysmi/ Eleaci	3 Elysmi/ Eleaci	4 Bougra/ Elysmi
<i>Artemisia tridentata</i> var. <i>wyomingensis</i>		3		1	1	15
GRAMINOIDS						
<i>Alopecurus aequalis</i>	1		1			
<i>Aristida purpurea</i> var. <i>feneleriana</i>					1	
<i>Bouteloua gracilis</i>		3		3	1	30
<i>Bromus tectorum</i>	1	1			1	1
<i>Carex douglasii</i>		40		50	40	
<i>Carex eleocharis</i>						10
<i>Carex filifolia</i>						30
<i>Eleocharis acicularis</i>	60		60		3	
<i>Elymus smithii</i>		30	1	30	20	10
<i>Festuca octoflora</i>	1	3		10	1	3
<i>Hordeum brachyantherum</i>	10		3			
<i>Juncus balticus</i>	1		1			
<i>Koeleria macrantha</i>		3		3	1	10
<i>Poa secunda</i>				3	3	3
<i>Stipa comata</i>	3				1	1
FORBS						
<i>Alyssum desertorum</i>		1		1	1	1
<i>Ambrosia tomentosa</i>	1		1			
<i>Antennaria microphyllum</i>						1
<i>Artemisia frigida</i>		1				1
<i>Erigerion</i> sp.					1	1
<i>Filago arvensis</i>	1	1	1	3	1	
<i>Opuntia polyacantha</i>						1
<i>Penstemon</i> sp.						1
<i>Phlox hoodii</i>						1
<i>Plantago patagonica</i>		1	1	1	1	1
<i>Sphaeralcea coccinea</i>						1
<i>Tragopogon dubius</i>						1
<i>Veronica peregrina</i> var. <i>xalapensis</i>			1			
<i>Xanthium strumarium</i>						3

Table 2-1 (continued). Canopy cover data from sample plots in the potential Playas RNA.

Species	Plot/Association*					
	1a	1b	2a	2b	3	4
	Elysmi/ Eleaci	Elysmi/ Eleaci	Elysmi/ Eleaci	Elysmi/ Eleaci	Elysmi/ Eleaci	Bougra/ Elysmi
GROUND COVER						
Bare ground	57	73	59	74		
Gravel	1	1	1	1		
Rock						
Litter	40	23	37	22		
Wood						
Lichen & moss		1		1		
Basal vegetation	2	2	3	2		

***Association acronyms**

Elysmi/Eleaci = Western wheatgrass/needle spikerush association

Bougra/Elysmi = Blue grama/western wheatgrass association

Notes

Plot 1a: 5 m x 5 m, in lowest, wettest part of first playa; higher part is plot 1b

Plot 1b: 10 m x 20 m, in higher part of first playa; lower part is plot 1a

Plot 2a: 5 m x 5 m, in lowest, wettest part of second playa; higher part is plot 2b

Plot 2b: 10 m x 20 m, in higher part of second playa; lower part is plot 2a

Plot 3: 5 m x 10 m, in third playa

Plot 4: 20 m x 50 m, in upland east of playas
