

Appendix H
Cover Summaries for SM-01

Table H1: Key Area SM-01 Point Cover Summary-Frequency Frame		
Date: July 29, 1999		
Point Cover Type	Total Hits	Percentage
Vegetation (Basal)	87	11.2%
Vegetation (Canopy)	179	22.9%
Litter	221	28.3%
Bare Ground	244	31.3%
Rock	28	3.6%
Biological Crust	21	2.7%
Total	780	100%

Table H2: Key Area SM-01 Cover and Composition Summary from Line Intercept (100 Ft. Line)				
Vegetation	Percent Cover		Percent Composition	
	6/25/2003	7/16/2012	6/25/2003	7/16/2012
Bluebunch wheatgrass	0.1%	2.9%	0.4%	6.1%
Squirreltail	0.7%	2.2%	2.5%	4.5%
Needlegrass	0.5%		2.0%	
Idaho fescue		10.7%		22.4%
Western wheatgrass	0.65%	4.0%	2.3%	8.4%
Sandberg bluegrass	1.75%	1.6%	6.2%	3.4%
Indian ricegrass		0.4%		0.9%
Nevada bluegrass	0.6%	1.0%	2.2%	2.0%
Dryland sedge	0.1%		0.4%	
Hoods phlox	2.25%	3.9%	8.0%	8.1%
Lupine	0.3%		1.1%	
Buckwheat	1.0%	0.3%	3.6%	0.5%
Milkvetch	0.05%		0.2%	
Cryptantha	0.1%		0.4%	
Misc. perennial forbs	0.1%		0.4%	
Big sagebrush	9.05%		32.5%	
Douglas rabbitbrush	10.2%	17.9%	36.7%	37.5%
Horsebrush	0.3%	3.0%	1.1%	6.2%
Total	27.75%	47.9%	100%	100%

Table H3. Percent Cover from AIM Line Point Intercept (LPI) Method (150 points/150 meters) in vicinity of SM-01						
	Monitoring Sites					
	8/5/2012	8/5/2012	7/31/2012	8/19/2013	8/19/2013	8/28/2014
Kind of Cover	Stag Mtn 01 ²	Stag Mtn 02 ²	Stag Mtn 03 ²	Stag Mtn 04	Stag Mtn 05	Stag Mtn 06
Total Foliar Cover¹	56.7	50.7	50.0	37.0	27.0	31.3
Perennial Forb	6.7	2.0	8.0	0.7	2.7	0.7
Perennial Grass	44.7	38.7	36.0	22.7	24.0	11.3
Sagebrush	0	0	1.3	16.0	0.0	16.0
Other Shrubs	16	9.3	12.7	11.3	10.0	6.7
Annuals	0	0.7	0	0.0	1.3	0.0
Invasive	0	10.7	0	0.0	0.7	0.0
Bare Ground	18.7	16.0	21.3	10.0	32.7	32.7
Biological Crust						3.3

¹ Total Foliar Cover is the percentage of sample points which intercepted some kind of plant cover divided by the total number of sample points (150 points). Doesn't include litter, rock/gravel, biological crust or bare ground.

² Stag Mtn. 01, Stag Mtn. 02, and Stag Mtn. 03 data above were collected in the same vicinity as Key Areas SM-01, SM-02, and fire rehabilitation monitoring site CHND-01, respectively.

Cover Summaries for SM-02

Table H4: Key Area SM-02 Point Cover Summary-Frequency Frame				
Date	July 27, 1999			
Point Cover Type	Total Hits	Percentage	Total Hits	Percentage
Vegetation (Basal)	150	17.4%		
Vegetation (Canopy)	262	30.4%		
Litter	308	35.7%		
Bare Ground	98	11.4%		
Rock	44	5.1%		
Cryptogamic Crust	0	0		
Total	862	100%		

Table H5: Key Area SM-02 Cover and Composition Summary from Line Intercept (100 Ft. Line)						
Vegetation	Percent Cover			Percent Composition		
	10/29/1990	6/25/2003	7/16/2012	10/29/1990	6/25/2003	7/16/2012
Bluebunch wheatgrass	3.8%	2.2%	17.6%	8.0%	6.7%	44.2%
Squirreltail	0.2%	0.2%		0.4%	0.6%	
Needlegrass	0.5%	0.1%	2.4%	1.0%	0.3%	6.0%
Idaho fescue	6.1%	8.4%	8.7%	12.9%	25.8%	21.8%
Basin wildrye		0.5%			1.5%	
Sandberg bluegrass		1.0%	0.3%		3.0%	0.8%
Indian ricegrass			0.5%			1.3%
Nevada bluegrass			0.2%			0.4%
Cheatgrass	0.05%		0.2%	0.1%		0.5%
Hoods phlox			0.4%			1.0%
Longleaf phlox		0.2%	0.3%		0.6%	0.6%
Lupine		1.5%	1.2%		4.6%	2.9%
Hawksbeard		0.7%			2.0%	
Wild onion		Trace			Trace	
Death camas		0.1%			0.3%	
Penstemon	0.02%			0.04%		
Annual forbs	0.02%			0.04%		
Mountain big sagebrush	35.0%	12.0%		74.3%	36.8%	
Douglas rabbitbrush	0.9%	2.1%	3.9%	1.9%	6.4%	9.7%
Snowberry	0.6%	3.6%	4.3%	1.3%	11.0%	10.8%
Total	47.2%	32.6%	40.0%	100%	100%	100%

Table H6. Percent Cover from AIM Line Point Intercept (LPI) Method (150 points/150 meters)						
Kind of Cover	Monitoring Sites					
	8/5/2012	8/5/2012	7/31/2012	8/19/2013	8/19/2013	8/28/2014
	Stag Mtn 01 ²	Stag Mtn 02 ²	Stag Mtn 03 ²	Stag Mtn 04	Stag Mtn 05	Stag Mtn 06
Total Foliar Cover¹	56.7	50.7	50.0	37.0	27.0	31.3
Perennial Forb	6.7	2.0	8.0	0.7	2.7	0.7
Perennial Grass	44.7	38.7	36.0	22.7	24.0	11.3
Sagebrush	0	0	1.3	16.0	0.0	16.0
Other Shrubs	16	9.3	12.7	11.3	10.0	6.7
Annuals	0	0.7	0	0.0	1.3	0.0
Invasive	0	10.7	0	0.0	0.7	0.0

Table H6. Percent Cover from AIM Line Point Intercept (LPI) Method (150 points/150 meters)						
	Monitoring Sites					
	8/5/2012	8/5/2012	7/31/2012	8/19/2013	8/19/2013	8/28/2014
Kind of Cover	Stag Mtn 01 ²	Stag Mtn 02 ²	Stag Mtn 03 ²	Stag Mtn 04	Stag Mtn 05	Stag Mtn 06
Bare Ground	18.7	16.0	21.3	10.0	32.7	32.7
Biological Crust						3.3

¹Total Foliar Cover is the percentage of sample points which intercepted some kind of plant cover divided by the total number of sample points (150 points). Doesn't include litter, rock/gravel, biological crust or bare ground.

² Stag Mtn. 01, Stag Mtn. 02, and Stag Mtn. 03 data above were collected in the same vicinity as Key Areas SM-01, SM-02, and fire rehabilitation monitoring site CHND-01, respectively.