

Appendix F
Vegetative Production/Percent Composition by Weight/Ecological Status Summary for SM-01

Table F1: Stag Mountain Allotment Key Area SM-01 (Stone Flat Field)						
Range Site: R025XY014NV, Loamy 10-12" P.Z.						
Species	Total Dry Weight Production (lbs./acre)/Percent Composition of Total					
	8/10/1987		9/27/1990	8/11/1994	8/10/2000	6/23/2014
GRASSES						
Thurber needlegrass				53.7/4.5	25.9/7.3	7.4/1.8
Webber needlegrass	103.5/8.4		43.3/9.3			
Idaho fescue						66.6/15.6 Could be needlegrass
Bluebunch wheatgrass	12/1.0		95.4/20.5	1/0.1		18.9/4.5
Squirreltail	9.5/0.8		21.6/4.7	45.6/3.8	16/4.5	32.2/7.6
Wheatgrass+ Squirreltail (hybrid)	10/0.8					
Nevada bluegrass	149/12		51.3/11.0	170.4/14.2	17.5/4.9	
Sandberg bluegrass	9.2/0.8		8.7/1.9	8.9/7		10.1/2.4
Thickspike wheatgrass	14/1.1		12.9/2.8	4.8/0.4	23.7/6.7	5.5/1.3
Sedge					1.7/0.5	0.4/0.1
Total grass	307.2/24.9		233.2/50.2	284.4/23.7	84.8/23.9	141.1/33.3
FORBS						
Aster	14.6/1.2			8.6/0.7		0.5/0.1
Hoods phlox	56.2/4.6		35.5/7.7	62/5.1	27.2/7.6	39.6/9.3
Longleaf phlox						2.1/0.5
Western yarrow						20.8/4.9
Dusky maiden	2.8/0.2					
Buckwheat	5.6/0.5		8.4/1.8	15.4/1.3		0.6/0.1
Lupine	13.7/1.1		15.3/3.3	37.7/3.1	38.3/10.7	

Milkvetch	3.5/0.3					
Prickly phlox	18.8/1.5		8.4/1.8	150.3/12.5	13.1/3.7	
Little larkspur						3.8/0.9
Rockcress	0.6/0.1					
Blue-eyed Mary						5.1/1.2
Total forb	115.8/9.5		67.6/14.6	274/22.7	78.6/22	72.5/17
SHRUBS						
Wyoming big sagebrush	560.2/45.5		90.9/19.6	518.6/43.1	74.4/20.9	2006 fire reduced sagebrush
Douglas rabbitbrush	200.7/16.3		72.8/15.7	121.3/10	92/25.9	176.8/41.6
Slenderbush Eriogonum	47.7/3.9			4.7/0.4	26.4/7.4	26.8/6.3
Horsebrush						7.5/1.8
Total shrub	808.6/65.7		163.7/35.3	644.6/53.5	192.8/54.2	211.1/49.7
Grand Total (lbs/acre)	1231		465	1203	356	425
Ecological Status/Similarity Index**	51.4% Low Late Seral		73.4% High Late Seral	53.1% Low Late Seral	53.7% Low Late Seral	31.5% Mid Seral 44.1% Upper Mid Seral if substitute Thurber needlegrass for Idaho fescue
						The loss of big sagebrush in the 2006 fire results in about a 20% decline in the ecological status rating

** The ecological status/similarity index is a rating that indicates how similar the composition of the site is to the potential natural community (PNC). PNC is the natural plant community in the absence of abnormal disturbances and physical site deterioration and is also referred to as the historic climax plant community. PNC would be a rating from 76 – 100%. The other categories (seral stages) are: Early Seral 0 – 25%; Mid Seral 26 – 50%, and Late Seral 51 – 75%.