

APPENDIX E

BROCK ALLOTMENT CONDITION AND TREND ANALYSIS

C&T #3

This site is located in a moist meadow in the Brock Allotment. This meadow can be classified as a Kentucky bluegrass and Bentgrass dominated meadow. Dense Grand fir dominated forested stands surrounds the meadow. Cottonwood and aspen can be found along the edge of this meadow.



Table 1: Species Comparison

Species Code	Common Name	2007	1980
BRMA4	Mountain Brome	3.67	6.67
CAREX	Sedge	1.33	9.33
PHPR3	Timothy	10.67	9.33
POPR	Kentucky bluegrass	46.33	54.00
AGGI2	Thurber's Bentgrass	24.67	0.00
ACMI2	Western Yarrow	3.00	4.33
TRRE3	White Clover	3.00	0.00
TAOF	Dandelion	2.33	2.00
PRVU	Common Selfheal	0.33	0.00
YEL TRIF	Clover	0.33	0.00
VECA	False Helebores	1.00	0.33
SESC	Groundsel	1.33	0.00
RUOC2	Western Coneflower	0.67	0.00
CREPIS	Hawksbeard	0.33	0.00
POBI	American bistort	0.67	0.00
TRF	Clover	0.00	12.67
POTR	Conquefoil	0.00	0.67
RUMEX	Garden sorrel	0.00	0.33

Table 2: Soil Surface

	2007	1980	Change (1980-2007)
Rock	0.0	0.0	0.0
Litter	19.0	35.0	-16.0
Pavement	0.0	0.0	0.0
Bare Soil	4.3	12.7	-8.3
Moss/Lichens	10.7	4.3	6.3
All plants	65.0	48.0	17.0

Table 3: Species Composition

	2007	1980	Change From 1980 to 2007
Decreaser	1	9	-8
Palatable Increaser	84	70	14
Unplatable Increaser	14	21	-7

This site has not changed significantly since 1980. POPR has decreased slightly while bentgrass, an introduced grass, has increased. Based on the little change in species composition, this site is in a static trend. Table 2 shows that there has been a slight reduction in the amount of bare soil and litter with an increase in moss and the amount of plants. Table 3 displays species composition. There has been a slight reduction in the amount of Decreaser and Unpalatable Increaser species and an increase in the amount of Palatable Increaser species.

FINDINGS

- **Using the 1979 scorecard this site was in a Fair condition in 1980 and is still in a Fair condition in 2007.**
- **The trend has been static since 1980.**
- **Soil conditions are satisfactory with a static trend.**