



Site 39 Inland Ranges Habitat Restoration Status Update

July 15, 2016

Plant Propagation

- On track to hit 2016 plant targets: 8,631 plants (4.37 acres worth of plants for HAs 34 and 37)

Seed Collection

- 2016 seed collection target: 4.0 acres worth of seed for HA 19
 - ~43 pounds (lb)
- Collected Seed
 - Purple needlegrass (*Stipa pulchra*): 1.0 lb
 - Monterey ceanothus (*Ceanothus rigidus*): 4.0 lb
 - Sky lupine (*Lupinus nanus*): 1.0 lb
- Currently Collecting
 - *Ceanothus dentatus*
 - Yellow bush lupine (*Lupinus arborius*)
 - Silver bush lupine (*Lupinus chamissonis*)

Four Seed Production Plots

- Blue wildrye (*Elymus glaucus*): Anticipated yield is 200 lb
- White yarrow (*Achillea millefolium*): Anticipated yield is 100 lb
- Deerweed (*Acmispon glaber*): Anticipated yield is 50 lb
- Purple needlegrass: Anticipated yield is 150 lb

Monitoring

- Completed vegetation cover surveys
 - Completed forty-one 50-meter transects at the larger sized HAs
 - Completed quadrat surveys at smaller sized HAs



Table 1. TRANSECT PERCENT VEGETATION COVER SUMMARY RESULTS

HISTORIC AREA	TRANSECT ID NUMBER	NATIVE SPECIES COVER	NON-NATIVE SPECIES COVER	THATCH COVER	BAREGROUND COVER
18	01	33.94%	18.72%	26.42%	53.50%
18	02	33.86%	0.00%	4.52%	63.14%
19	01	20.46%	0.00%	3.80%	78.10%
19	02	40.00%	0.00%	12.60%	53.30%
19	03	41.66%	0.00%	12.48%	49.94%
19	04	17.62%	0.00%	12.90%	72.38%
19	05	18.42%	0.00%	7.42%	76.42%
19	06	79.82%	0.00%	5.36%	57.38%
19	07	39.26%	0.00%	9.22%	59.12%
19	08	32.46%	0.00%	62.44%	6.92%
19	09	54.12%	0.00%	9.70%	43.80%
19	10	20.18%	0.00%	9.42%	72.82%
19	11	30.82%	0.00%	7.58%	67.56%
19	12	28.6%	0.00%	12.18%	66.76%
19	13	31.02%	0.00%	0.00%	70.12%
19	14	24.84%	0.00%	0.00%	76.14%
27A	01	2.98%	0.68%	2.80%	93.54%
28	01	36.76%	0.40%	9.22%	58.52%
28	02	26.66%	1.06%	4.00%	70.28%



HISTORIC AREA	TRANSECT ID NUMBER	NATIVE SPECIES COVER	NON-NATIVE SPECIES COVER	THATCH COVER	BAREGROUND COVER
28	03	14.92%	1.18%	7.98%	72.58%
28	04	22.84%	0.28%	8.46%	69.18%
29	01	20.00%	0.48%	3.04%	78.10%
34	01	36.88%	0.64%	1.40%	62.12%
34	02	17.98%	0.66%	2.80%	78.78%
34	03	9.70%	0.32%	7.66%	82.32%
34	04	69.10%	0.00%	21.90%	27.20%
36	01	8.10%	7.28%	0.26%	84.40%
37	01	15.66%	2.26%	0.38%	82.12%
37	02	13.30%	4.02%	17.36%	66.08%
37	03	9.06%	49.56%	12.16%	31.68%
37	04	142.60%	0.00%	24.16%	0.00%
37	05	16.26%	26.80%	5.02%	53.48%
37	06	63.17%	0.34%	28.52%	10.24%
37	07	6.48%	0.94%	14.42%	78.20%
38	02	37.52%	3.38%	8.08%	48.12%
39/40	01	14.18%	0.00%	72.78%	25.64%
39/40	02	12.64%	0.00%	67.74%	27.76%
39/40	03	2.60%	1.58%	33.98%	62.08%
44	01	24.78%	0.00%	0.00%	79.28%
44	02	10.76%	0.00%	3.74%	77.80%