



Site 39 Inland Ranges Habitat Restoration Status Update September 10, 2015

Erosion Control Planning

- August: erosion control planning for HAs 28 and 37
- September 8: Erosion control repairs scheduled to begin

Monitoring

- August 19: Random quadrat sampling conducted at HAs 34 and 37
 - HA 34 Summary Results: 1.8 plants per square foot
 - HA 37 Summary Results: 2.5 plants per square foot



Images 1 and 2: Burleson biologist conducting random quadrat surveys.

Native Plant Inventory

- August 20: Native plant inventory was approximately 75% complete
 - Target is 5,199 plants
 - Plant inventory was 3,841 plants and is growing rapidly



Native Seed Inventory

- September 2: Seed inventory was approximately 80% complete (See Table 1)

Species	Common Name	Seed Target (lbs)	Current Total (lbs)
<i>Achillea millefolium</i>	White yarrow	9.3	9.3
<i>Artemisia californica</i>	California sagebrush	3.4	0.0
<i>Baccharis pilularis</i>	Coyote bush	1.8	0.0
<i>Ceanothus cuneatus</i> var. <i>rigidus</i>	Monterey ceanothus	9.3	9.3
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey spine flower	1.4	1.4
<i>Ericameria fasciculata</i>	Eastwood's golden fleece	0.6	0.6
<i>Eriophyllum confertiflorum</i>	Golden yarrow	7.0	7.0
<i>Garrya elliptica</i>	Coast silk tassel	0.3	0.3
<i>Helianthemum scoparium</i>	Rush-rose	8.1	8.1
<i>Horkelia cuneata</i>	Wedge-leaved horkelia	18.5	15.5
<i>Lotus scoparius</i>	Deerweed	18.5	18.5
<i>Lupinus arborius</i>	Yellow bush lupine	3.4	3.4
<i>Lupinus chamissonis</i>	Silver bush lupine	0.2	0.2
<i>Lupinus nanus</i>	Sky lupine	0.3	0.3
<i>Mimulus aurantiacus</i>	Sticky monkey flower	3.2	0.0
<i>Nassella cernua</i>	Nodding needlegrass	0.5	0.5
<i>Nassella pulchra</i>	Purple needlegrass	7.3	6.0
<i>Salvia mellifera</i>	Black sage	9.5	0.0
Totals		102.6	80.3

Seed Production Plots

- Blue wildrye (*Elymus glaucus*)
 - 200 lbs
 - 400 lbs surplus (Burleson/USACE has first dibs at surplus seed at \$25/lbs)
- Purple needlegrass (*Stipa pulchra*)
 - Approximately 10 lbs
- Common yarrow (*Achillea millefolium*)
 - Approximately 5 lbs
- Deerweed (*Acmispon glaber*)
 - Will be harvested in September
- Rush rose (*Helianthemum scoparium*)
 - Failed