



## Site 39 Inland Ranges Habitat Restoration Status Update

July 17, 2020

### Monitoring

- Completed surveys for HMP annuals in early May (for sites in years 1-5 and 8)
- Completed vegetation cover and species richness surveys at the end of June (for sites in years 1-5, 8, and 13)
- Completed photo point monitoring at all HAs



Photo 1: Monterey spineflower



Photo 2: Biologists monitoring HMP annuals



Photo 3: Sand gilia



Photo 4: Biologists performing vegetative cover transects



Photo 5: Dwarf ceanothus



## Native Plant Nursery

- Continued propagation of 7,046 plants
  - 5,561 plants to fulfill SSRP targets
  - 1,485 adaptive management plants
  - Performed pear tests; results were negative for *Phytophthora*
  - Expanded upper plant area

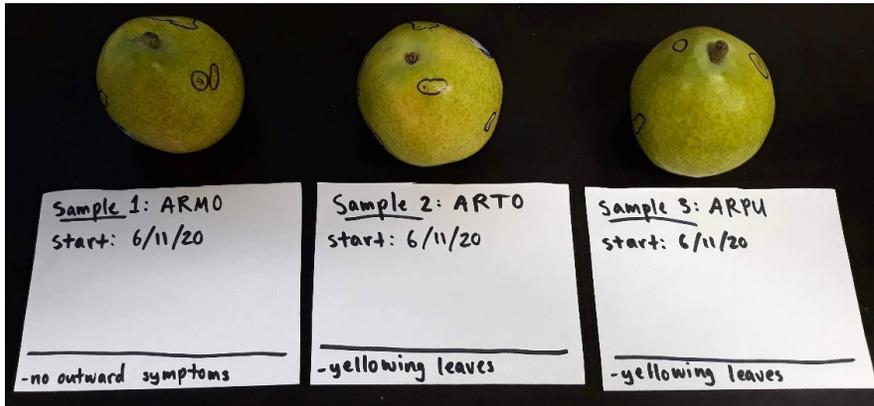


Photo 6: Before pear test

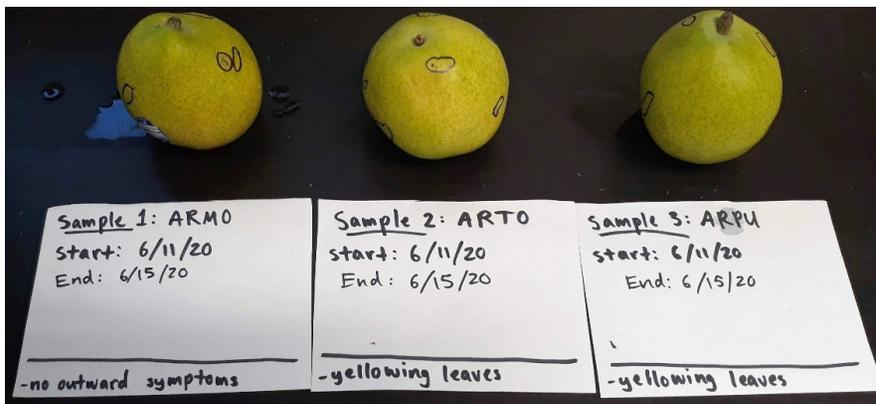


Photo 7: After pear test



Photo 8: Expansion of sun and shade areas at native plant nursery



Photo 9: Monterey manzanitas for HA 29



## Seed Collection

2020 Seed Collection Status		
Common Name	Target (lbs.)	Collection Status
California sagebrush	1.25	
coyote bush	0.57	
Monterey ceanothus	3.05	✓
Monterey spineflower	1.25	✓
Seaside bird's beak	0.15	Watching
peak rush-rose	2.65	Collecting
sticky monkey flower	0.75	
Eastwoods gold fleece	0.26	
golden yarrow	2.38	Watching
California coffeeberry	0.15	
coast silk tassel	0.95	✓
yellow bush lupine	1.25	✓
silver bush lupine	0.60	✓
sky lupine	1.08	✓
black sage	3.85	Watching
<b>Total lbs.</b>	<b>20.19</b>	



Photo 10: Monterey spineflower seed



Photo 11: Processing Monterey ceanothus seed

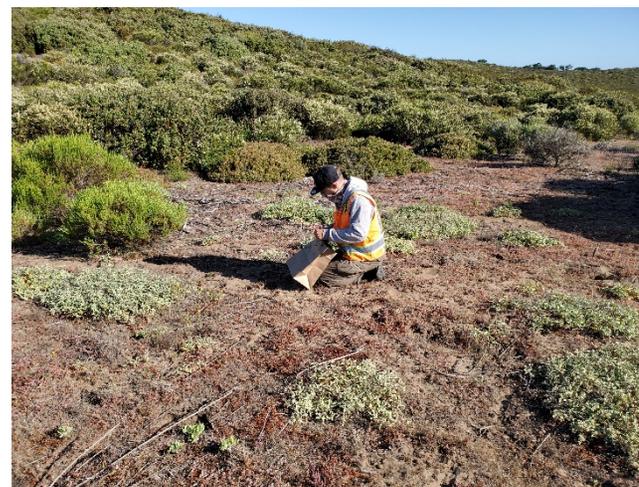


Photo 12: Burleson biologist collecting Monterey spineflower



## Deerweed Seed Production Plot



Photo 13: Deer weed plot May 31<sup>st</sup>



Photo 14: Deer weed plot May 31<sup>st</sup>.



## HA 26 Irrigation

2020 Irrigation Water Log			
Gallons	Source	Irrigation Event	Date
9,000	Water Supplier	#1	May 13-14
9,000	Water Supplier	#2	June 3-4
7,000	Water Supplier	#3	June 23-26



Photo 15: Burleson biologist repairing leak in output hose

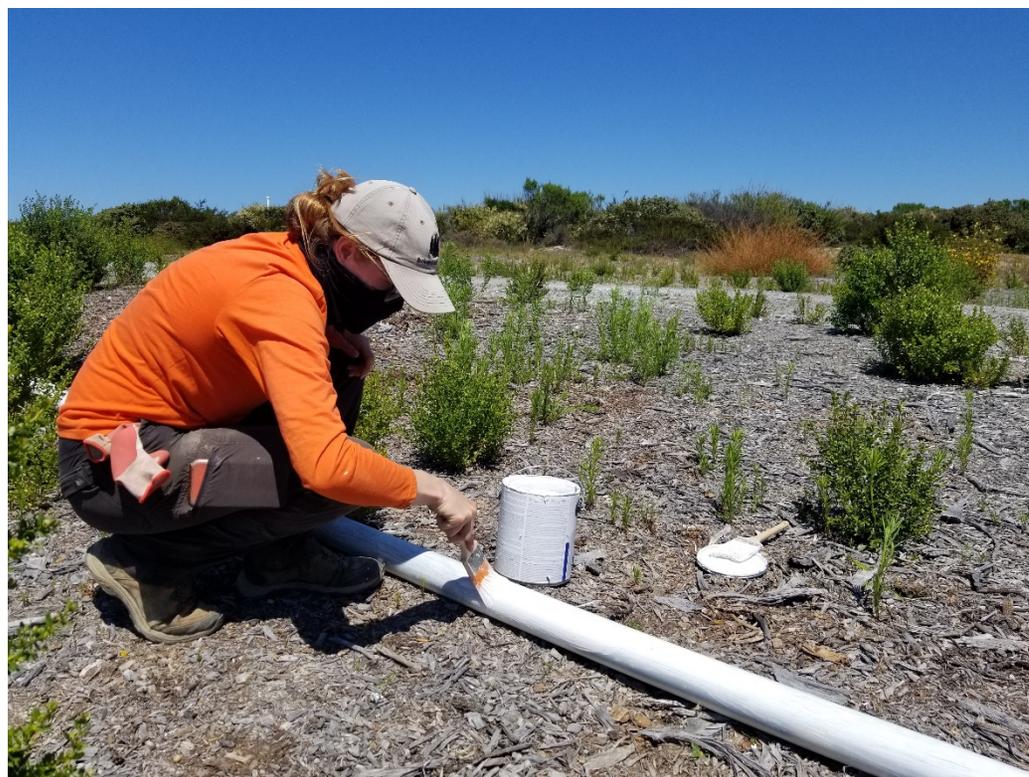


Photo 16: Burleson biologist painting PVC to protect lines from sun damage