



## Site 39 Inland Ranges Habitat Restoration Status Update

# July 17, 2015

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### Native Plant Propagation

- The current native plant inventory is approximately 50% of the 5,200 plant target
- Propagation of all hard-to-grow species are on target
- Began propagation on common species in June

### HMP Annual Monitoring

- Completed monitoring of seaside bird's beak at HAs 39/40 and 43

### Erosion Control Planning

- Provided recommended erosion control repairs at HAs 28 and 37

### Native Seed Collection

- The 2015 seed target is 102 lbs of native seed (18 species)
- Approximately 40% of seed target has been collected to date

**Table 1 Seed Collection Calendar**

| 2015 Seed Collection Calendar |     |      |      |     |           |         |
|-------------------------------|-----|------|------|-----|-----------|---------|
| Species                       | May | June | July | Aug | September | October |
| Sky lupine                    | ■   | ■    | ■    |     |           |         |
| Silver bush lupine            | ■   | ■    | ■    |     |           |         |
| Monterey ceanothus            |     | ■    | ■    | ■   |           |         |
| Nodding needlegrass           |     | ■    | ■    | ■   | ■         |         |
| Monterey spineflower          |     | ■    | ■    | ■   |           |         |
| Purple needlegrass            |     | ■    | ■    | ■   |           |         |
| White yarrow                  |     |      | ■    | ■   | ■         |         |
| Yellow bush lupine            |     |      | ■    | ■   | ■         |         |
| Rush-rose                     |     |      | ■    | ■   | ■         | ■       |
| Eastwoods gold fleece         |     |      | ■    | ■   | ■         | ■       |
| Golden yarrow                 |     |      | ■    | ■   | ■         | ■       |
| Wedge-leaved horkelia         |     |      | ■    | ■   | ■         | ■       |
| Deerweed                      |     |      | ■    | ■   | ■         | ■       |
| Black sage                    |     |      | ■    | ■   | ■         | ■       |
| Coast silk tassel             |     |      |      | ■   | ■         | ■       |
| Sticky monkey flower          |     |      |      | ■   | ■         | ■       |
| California sagebrush          |     |      |      |     | ■         | ■       |
| Coyote bush                   |     |      |      |     |           | ■       |

■ Anticipated seed collection window



Table 2 Seed Collection Targets

| 2015 Seed Collection Targets            |                       |                   |                |                |
|---|-----------------------|-------------------|----------------|----------------|
| Species                                 | Common Name           | Seed Target (lbs) | Collected Seed | Processed Seed |
| <i>Achillea millefolium</i>             | White yarrow          | 9.27              | in process     |                |
| <i>Artemisia californica</i>            | California sagebrush  | 3.4               |                |                |
| <i>Baccharis pilularis</i>              | Coyote bush           | 1.84              |                |                |
| <i>Ceanothus cuneatus var. rigidus</i>  | Monterey ceanothus    | 9.27              | ✓              | ✓              |
| <i>Chorizanthe pungens var. pungens</i> | Monterey spine flower | 1.39              | ✓              | ✓              |
| <i>Ericameria fasciculata</i>           | Eastwoods gold fleece | 0.61              |                |                |
| <i>Eriophyllum confertiflorum</i>       | Golden yarrow         | 6.96              | in process     |                |
| <i>Garrya eliptica</i>                  | Coast silk tassel     | 0.27              |                |                |
| <i>Helianthemum scoparium</i>           | Rush-rose             | 8.08              | in process     |                |
| <i>Horkelia cuneata</i>                 | Wedge-leaved horkelia | 18.54             | in process     |                |
| <i>Lotus scoparius</i>                  | Deerweed              | 18.54             | ✓              | in process     |
| <i>Lupinus arborius</i>                 | Yellow bush lupine    | 3.4               | in process     |                |
| <i>Lupinus chamissonis</i>              | Silver bush lupine    | 0.2               | ✓              | ✓              |
| <i>Lupinus nanus</i>                    | Sky lupine            | 0.27              | ✓              | ✓              |
| <i>Mimulus aurantiacus</i>              | Sticky monkey flower  | 3.18              |                |                |
| <i>Nassella cernua</i>                  | Nodding needlegrass   | 0.54              | ✓              | ✓              |
| <i>Nassella pulchra</i>                 | Purple needlegrass    | 7.34              | ✓              | in process     |
| <i>Salvia mellifera</i>                 | Black sage            | 9.54              |                |                |

**Total 102.64**