

2018 Rare Plant IMG Monitoring

- 1) Please use the correct occurrence ID and sample number. If you don't know it, you can contact Emily Perkins (eperkins@usgs.gov).
- 2) Please review the protocol since it has changed.
- 3) Please do not use any previous year's data forms. The 2018 data forms are on the Rare Plant Inspect and Manage 2014-2018 project page of our website.
- 4) Make sure fields are the correct data type (ex: the number of plants must be a number, cannot be "100-200")
- 5) Collect spatial data and photographs every year to help track the population and habitat change over time.
- 6) Make sure your coordinates in your survey sheet match the accompanying shapefile.
- 7) NAD83 is the preferred projection and UTM the preferred coordinate system.
- 8) Please use the cover diagram in the methods document to calibrate vegetation cover.
- 9) Please review and be aware of the difference between the sample plot, the current year's mapped extent, and the maximum extent. Enter maximum extent only once per occurrence (even if there are multiple sample points).
- 10) Fill out all fields. Empty questions are okay, but are assumed to be "Not Collected", as opposed to zero values.
- 11) Survey123 is the preferred collection method.
- 12) If you are using the excel forms, please be careful when inputting data not to include any spaces or special characters.
- 13) Please submit data by October 1, 2018 to Annabelle Bernabe (abernabe@usgs.gov)

Submitting data:

-For all survey forms, please submit:

1. Survey form completed
2. GIS polygons (polygons should have occurrence ID as an attribute)
3. Photos taken (files should be named by Occurrence ID, sample point, photo number, and date. Ex: ACIL_3HCWA006_1_photo1_04052018)

For any additional questions please contact Jessie Vinje (jessie.vinje@consbio.org). For questions regarding Survey123, submitting data, or occurrence IDs, please contact Emily Perking (eperkins@usgs.gov). You can also contact Kris Preston (kpreston@usgs.gov) for other questions with the Rare Plant IMG monitoring.

Management Strategic Plan (MSP) Rare Plant Species with 2018 "Inspect & Manage" Objective

Scientific Name	Common Name
Species Planned for 2018 Monitoring:	
<i>Acanthomintha ilicifolia</i>	San Diego thornmint
<i>Acmispon prostratus</i>	Nuttall's acmispon
<i>Ambrosia pumila</i>	San Diego ambrosia
<i>Bloomeria clevelandii</i>	San Diego goldenstar
<i>Brodiaea orcuttii</i>	Orcutt's brodiaea
<i>Chloropyron maritimum</i> ssp <i>maritimum</i>	Salt marsh bird's-beak
<i>Chorizanthe orcuttiana</i>	Orcutt's spineflower
<i>Clinopodium chandleri</i>	San Miguel savory
<i>Deinandra conjugens</i>	Otay tarplant
<i>Dicranostegia orcuttiana</i>	Orcutt's birds-beak
<i>Dudleya blochmaniae</i>	Blochmann's dudleya
<i>Dudleya brevifolia</i>	Short-leaved dudleya
<i>Dudleya variegata</i>	Variegated dudleya
<i>Hazardia orcuttii</i>	Orcutt's hazardia
<i>Monardella viminea</i>	Willoway monardella
Species Not Planned for 2018 Monitoring:	
<i>Brodiaea santarosae</i>	Santa Rosa brodiaea
<i>Packera ganderi</i>	Gander's ragwort
