

Invasive Plant Mapping Workshop

A CNPS Chapter model for early detection and effective response to emergent invasive weeds



Thu, 7 July, 7:30 PM

Duck Club, Irvine

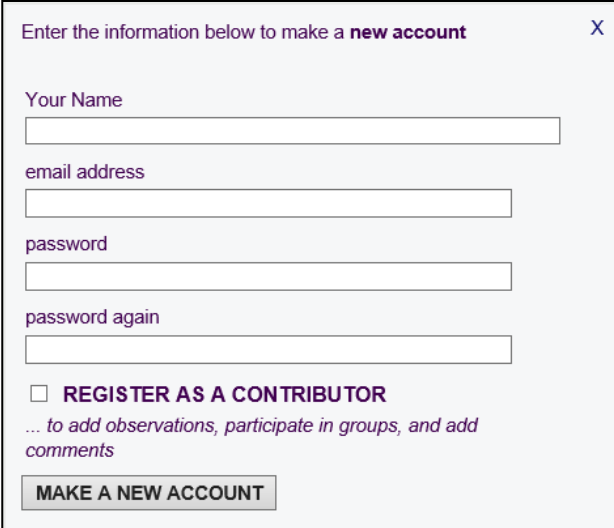
- ▶ What is Calflora - overview, who uses it, how it integrates with other websites, etc.
- ▶ What information to collect in the field
 - Photographs
 - GPS location, if possible
 - Notes on abundance, associations, phenology
- ▶ How to register as a Calflora user
- ▶ How to add a record
 - A basic entry, the basic fields
- ▶ Points vs. polygons
 - Adding a photograph
- ▶ Searching for existing Calflora plant records
 - Search for Plants
 - Observation Hotline - using filters and fine-tuning the results
- ▶ OC CNPS Emergent Plant resources on Calflora

Register as a user:

- ▶ Go to Calflora.org
- ▶ Click LOGIN - REGISTER, then MAKE A NEW ACCOUNT
- ▶ Later you can create a profile: Go to MY CALFLORA, click CONTRIBUTOR PROFILE, then EDIT MY CONTRIBUTOR PROFILE

What information to collect in the field:

- ▶ Date
- ▶ Photographs
- ▶ GPS location if possible
- ▶ Notes on abundance, associations, phenology (life stage)



Enter the information below to make a **new account** X

Your Name

email address

password

password again

REGISTER AS A CONTRIBUTOR
... to add observations, participate in groups, and add comments

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How to add a record:

- ▶ Click ADD OBSERVATIONS
- ▶ Click PLANT OBSERVATION ENTRY
- ▶ Click NEW RECORD
- ▶ Fill in the fields:
 - ▶ Some have drop-down choices
 - ▶ Others are text entries
 - ▶ Fill in whatever fields you can

Adding a new record

Organization Independent	Project Simple data collection
Access by others published	History ▶ none
<input type="button" value="CANCEL"/> <input type="button" value="SAVE"/>	
Shape ▶ none	Point Location ▶ none

SIMPLE DATA COLLECTION

Scientific Name * Centaurea solstitialis	Common Name Yellow starthistle
Observer * Ron Vanderhoff	Observation Date * 2018-8-8

Notes
Just a few plants noticed at the side of the trail. Checked the surrounding 50 meters and did not see any more.

Location Description
Peter's Canyon Regional Park, Skylark Trail, Orange

Number of Plants
2 - 10

Photos: none
Add a photo ▶

Management Status none	Natural Status wild
Region	Collection / Survey
Ownership City or County Government	Plant Identification recognized from prior determination
Elevation lookup elevation	Location Accuracy error radius (meters) 50 square meters
Gross Area Square Meters calculate	Herbarium, if specimen

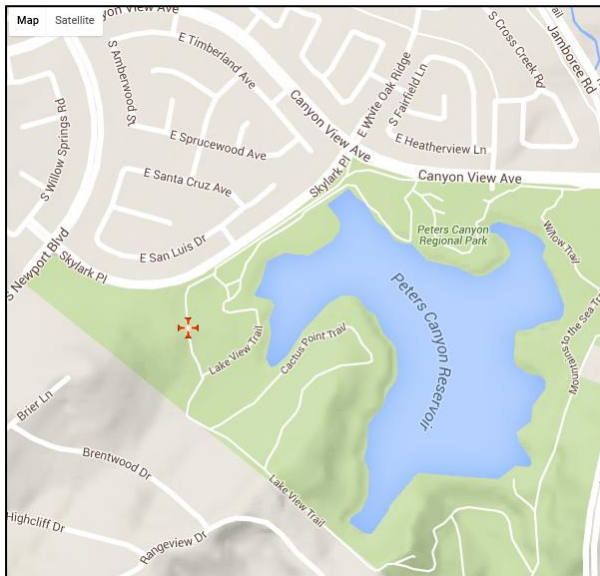
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Add a location of your observation:

- ▶ Click POINT LOCATION
- ▶ Click NEW POINT LOCATION by clicking a spot on the map

OR

- ▶ Click ENTER COORDINATES AS DECIMAL LAT / LONG and make entries



none

new point location

Enter coordinates as decimal Lat / Long ▶

33.813318, -117.7875137

change point location

Enter coordinates as decimal Lat / Long ▼

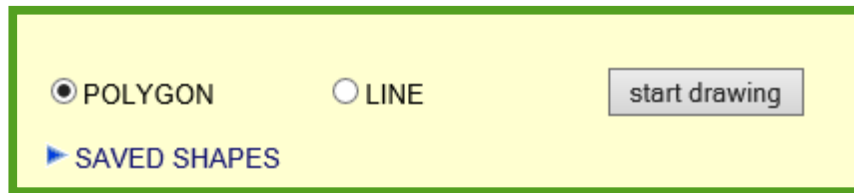
Latitude

Longitude

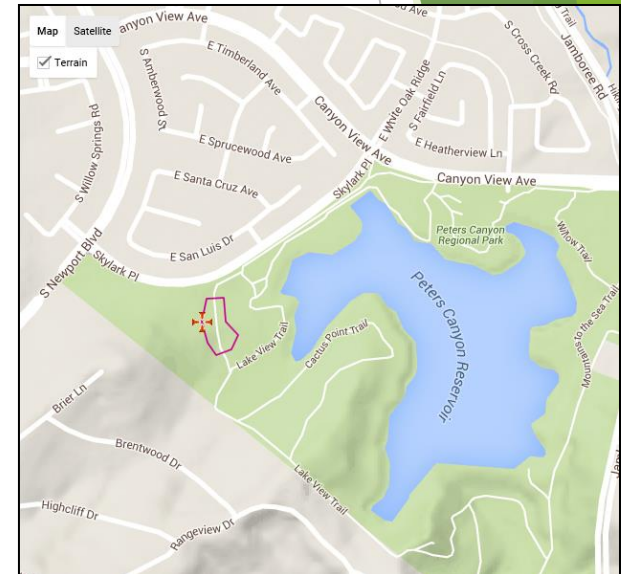
APPLY

Optional - Make your observation a polygon (shape):

- ▶ From the NEW RECORD input page, select SHAPE, then POLYGON, then START DRAWING

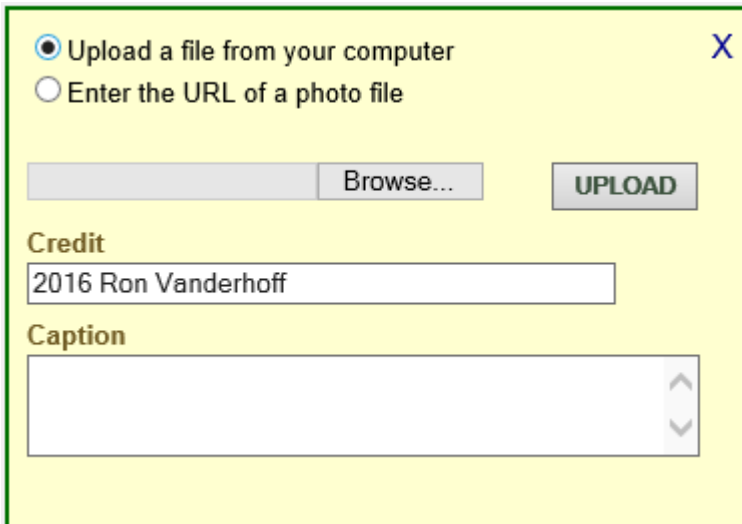


- ▶ Using the map, move to the area of your plant discovery. Scroll in and out as needed.
- ▶ Using your mouse, draw the outline of your polygon. When finished click STOP DRAWING



Add a photograph:

- ▶ From the NEW RECORD input page, select ADD A PHOTO, then tick UPLOAD A FILE FROM YOUR COMPUTER, then BROWSE



A screenshot of a web form for uploading a photograph. The form has a yellow background and a green border. At the top right is a blue 'X' icon. There are two radio buttons: the first is selected and labeled 'Upload a file from your computer', and the second is unselected and labeled 'Enter the URL of a photo file'. Below the radio buttons is a text input field with a 'Browse...' button to its right. To the right of the text field is an 'UPLOAD' button. Below the text field is a 'Credit' label followed by a text input field containing '2016 Ron Vanderhoff'. Below the credit field is a 'Caption' label followed by a larger text area with a vertical scrollbar on the right side.



- ▶ Select a photo from your computer and select UPLOAD. Your image may take a few moments to complete the upload.

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Enhance your OC invasive plant record. Assist the OC CNPS Emergent Invasive Plant Program.

- ▶ ORGANIZATION: Early Detection Network
- ▶ PROJECT: Orange County
- ▶ HABITAT: Select a choice or type a description
- ▶ DISTRIBUTION: Select a choice or type a description
- ▶ PHENOLOGY: Select a choice or type a description
- ▶ GROSS AREA: Use the CALCULATE icon if you created a polygon
- ▶ PERCENT COVER: Select a choice or type a description
- ▶ INFESTED AREA: Select a choice or type a description

Adding a new record

Organization: Early Detection Network
Access by others: published
Project: Orange County
History: none
Point Location:

WEED DATA COLLECTION

Scientific Name *: Centaurea solstitialis
Observer *: Ron Vanderhoff
Common Name: Yellow starthistle
Observation Date *: 2016-6-6

Notes: just a few plants noticed at the side of the trail. Checked the surrounding 50 meters and did not see any more.

Location Description: Peter's Canyon Regional Park, Skylark Trail, Orange
Habitat: Scrub / Shrubland
Number of Plants: 2 - 10
Distribution: Isolated Patch
Phenology: Flowering
Percent Cover: 1 - 5
Gross Area: 4222.9 Square Meters calculate
Infested Area: 50 Square Meters

Photos: Add a photo

© 2016 Ron Vanderhoff
Click on a photo to edit

Management Status: none
Natural Status: wild
Region:
Collection / Survey:
Ownership: City or County Government
Plant Identification: compared with taxonomic descriptions
Elevation: lookup elevation
Location Accuracy: error radius (meters)
50 square meters
Herbarium, if specimen:

▶ Searching Calflora plant records:

▶ Search for Plants

- ▶ Probably the best place for doing a plant ID.
- ▶ The Calflora Home screen.

▶ Observation Hotline - using filters and fine-tuning the results

- ▶ Best when wanting to find a particular plant at a particular place.
- ▶ Provides a list a individual records within the area selected.
- ▶ Click OTHER SOURCES, then CONSORTIUM OF CALIFORNIA HERBARIA for many more records.

▶ What Grows Here

- ▶ Also good for hunting for a plant ID.
- ▶ Best for larger map areas, pulls a list with photos from Calflora records.
- ▶ Lots of filters available to narrow your search.



OC CNPS Emergent Plant resources on Calflora

- ▶ To see ALL current OC CNPS Emergent Species observations in OC:
 - ▶ Go to OBSERVATION ENTRY
 - ▶ Select TOOLS, then ADVANCED FORM from the top menu bar
 - ▶ In the PLANT LIST field, select OC CNPS EMERGENT INVASIVES
 - ▶ In the COUNTY field, select ORANGE COUNTY
 - ▶ In the ORDER BY field, select SCIENTIFIC NAME
 - ▶ In the OTHER SOURCES field, select CONSORTIUM OF CALIFORNIA HERBARIA
- ▶ To see or print a checklist of ALL current OC CNPS species
 - ▶ Go to WHAT GROWS HERE
 - ▶ Select TOOLS, then ADVANCED FORM from the top menu bar
 - ▶ Open COUNTY and select ORANGE COUNTY
 - ▶ Open PLANT NAMES and in PLANT LIST select OC CNPS EMERGENT INVASIVES
 - ▶ Open SEARCH and in FORMAT select PHOTO
 - ▶ If printing, be sure to collapse all the open menu bars first