



Volunteers, weeds, and the Calflora Database



Steps to Volunteer Action

- Learn about the issue
- Connect as an individual
- Get involved in coordinated action



Support Learning


- Provide easy access to photos and information about California wild plants
- Introduce concepts of native and exotic

Simple Search

**Are there wild
dogwoods in
California?
What do they
look like?
Where do they
occur?**

The screenshot shows the CalFlora website in a Netscape browser window. The page features a navigation menu on the left with links for Overview, Occurrence Database, Synonyms Database, and Photos Database. A search form is the central focus, with a text input field containing "Dogwood" and a "search" button. Below the search form are alphabetical indexes for common names, scientific names, and family names. A "county" dropdown menu is also visible, currently set to "any".

CalFlora - Netscape
File Edit View Go Communicator Help


 The CalFlora Database
CalFlora exists to provide information on California plant biodiversity for conservation, research, and education.

CalFlora is a **YOUR** database, support it!
Donate Now Volunteer Now

NEW! Want to share your plant photos?
Now there are [three ways to donate your photos...](#)
• Want to find out what [photos we still need?](#)

Overview
Occurrence Database
Synonyms Database
Photos Database

see also:
[what's new?](#)
[about CalFlora](#)
[about Species Database](#)
[support CalFlora](#)
[photos we need](#)
[frequently asked questions](#)
[resources](#)
[start](#)
[collaborators](#)
[species advanced queries](#)
[sample queries](#)
[Oak Stubs & Death Information](#)


[Landscape Reference Form](#)

To query the CalFlora species database of 8,363 vascular plant names, complete **any one or more** of the fields below and then click on the "search" button.
[Instructions](#)

search reset

plant name

Type in all or part of a name (examples: "poppy", "Lilium", "Cactaceae")
Leave blank and choose other criteria below to create a checklist

or browse plant names from one of our lists:

index of common names:
[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#)
[N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

index of scientific names:
[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#)
[N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

index of family names:
[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#)
[N](#) [O](#) [P](#) [R](#) [S](#) [T](#) [U](#) [V](#) [Z](#)

county
Alameda
Alpine
Amador
Butte

select multiple counties by holding down the **Ctrl** or **Shift** Key

Document Done

Initial Query Results





- Click on name to see Species Report
- Click on photo to see more photos

CalFlora Database - Netscape

File Edit View Go Communicator Help

CalFlora Database

Number of matches: 6
Click on the name to see a report, click on the image to see additional photographs.

Scientific name	Common name	Photo	Lifeform	Native to California?
Cornus glabrata	brown dogwood	None Available contribute your photo!	Tree, Shrub	native
Cornus nuttallii	Pacific dogwood	 Brooker Almed Brosseau	Shrub	native
Cornus sericea	American dogwood, redosier dogwood	 Brooker Almed Brosseau	Shrub	native
Cornus sericea ssp. occidentalis	western dogwood	 Charles Webber	Shrub	native
Cornus sericea ssp. sericea	red osier dogwood, redosier dogwood	 Charles Webber	Shrub	native
Cornus sessilis	Miners dogwood, blackfruit dogwood, western comelian cherry	None Available contribute your photo!	Tree	native

Query: SELECT * FROM calflora WHERE name esp like "%DOGWOOD%" order by taxon;
Your query took: 6 seconds

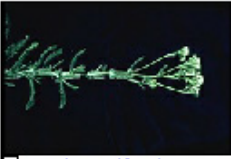



Citation:
[CalFlora: Information on California plants for education, research and conservation. \[web application\]. 2001. Berkeley, California: The CalFlora Database \[a not-profit organization\]. Available: <http://www.calflora.org/>. \(Accessed: Oct 14, 2007\)](http://www.calflora.org/)

[The CalFlora Database](#) [Frequently Asked Questions](#) [Suggestions Box](#)
[Comments and Questions about CalFlora](#)

Document Done

Initial Query Results

I saw it on my hike in Marin, I know it was a composite. Help me out....

CalFlora Database				
Number of matches: 186				
next 50				
<i>Click on the name to see a report, click on the image to see additional photographs.</i>				
Scientific name	Common name	Photo	Lifeform	Native to California?
Achillea millefolium	common yarrow, yarrow	 <input type="checkbox"/> Brother Alfred Brousseau	Perennial herb	native
Achyrochaena mollis	blow-wives	 <input type="checkbox"/> Brother Alfred Brousseau	Annual herb	native
Ageratina adenophora	sticky snakeroot	 <input type="checkbox"/> Charles Webber	Perennial herb	not native INVASIVE WEED
Agoseris apargioides	seaside agoseris	 <input type="checkbox"/> Brother Alfred Brousseau	Perennial herb	native



Species Report

CalFlora Taxon Report

Cirsium arvense (L.) Scop. (Asteraceae)



Common names: Canada thistle [[Hrusa](#)]

Plant community: introduced plant which is becoming naturalized [[Lum/Walker](#)]

Wetlands: equally likely to occur in wetlands or non wetlands [[U.S. Fish & Wildlife Svc.](#)]

Elevation: between 0 and 5906 feet [[Hickman 1993](#)].

[Charles Webber](#) (1 of 9)

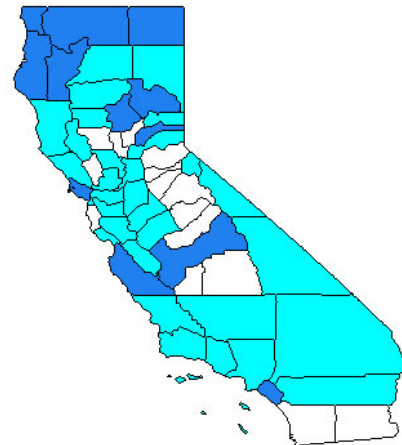
Cirsium arvense, a dicot in the family Asteraceae, is a perennial herb that is **not native** to California [[Hrusa](#)]; it was introduced from elsewhere and naturalized in the wild [[Lum/Walker](#)].

The [California Exotic Pest Plant Council](#) (CalEPPC) lists *Cirsium arvense* on [List B](#): Wildland pest plant of lesser invasiveness; causes lesser degree of habitat disruption than plants on list A. [[CalEPPC](#)]

Cirsium arvense is also classified by the California Department of Food and Agriculture as [Noxious Weed List B](#): Control required in nurseries, control elsewhere at the discretion of local County Agricultural Commissioner. [[CDFA Weeds 2000](#)]

Observations contributed to the [CalFlora Occurrence Database](#)

NEW. [Map of observations now from CalFlora Occurrence Database.](#)



Shading indicates presence somewhere, not necessarily everywhere, within the county indicated.

Blue indicates that there is a [specimen](#) from this county on file.

Light Blue indicates a [documented](#) observation that is vouchered or confirmed.

Lavender indicates other [reported](#) observations that are unvouchered

Mustard Yellow indicates other counties within range described in [botanical literature](#)

[California County Map](#)

Distributions from [botanical literature](#) now included in Occurrence Database

[www.CalFlora.org](#) 2001

- 206 observation records. Display as: (choose as many as desired)
 - HTML table
 - static map (similar to above)
 - [GIS Viewer 3.0](#) (requires Java, fast internet connection recommended)

- View observations by county:

[Alameda](#) [2], [Alpine](#) [2], [Butte](#) [3], [Contra Costa](#) [1], [Del Norte](#) [8], [Fresno](#) [3], [Glenn](#) [1], [Humboldt](#) [48], [Imperial](#) [4], [Kern](#) [1], [Lake](#) [1], [Lassen](#) [1], [Los Angeles](#) [1], [Mendocino](#) [15]

Observation display

Java Interactive GIS Viewer 3.0:

Your query searched for the following plant names: (Click on a name to see synonymy)

Bromus tectorum

Bromus tectorum var. *glabratus*

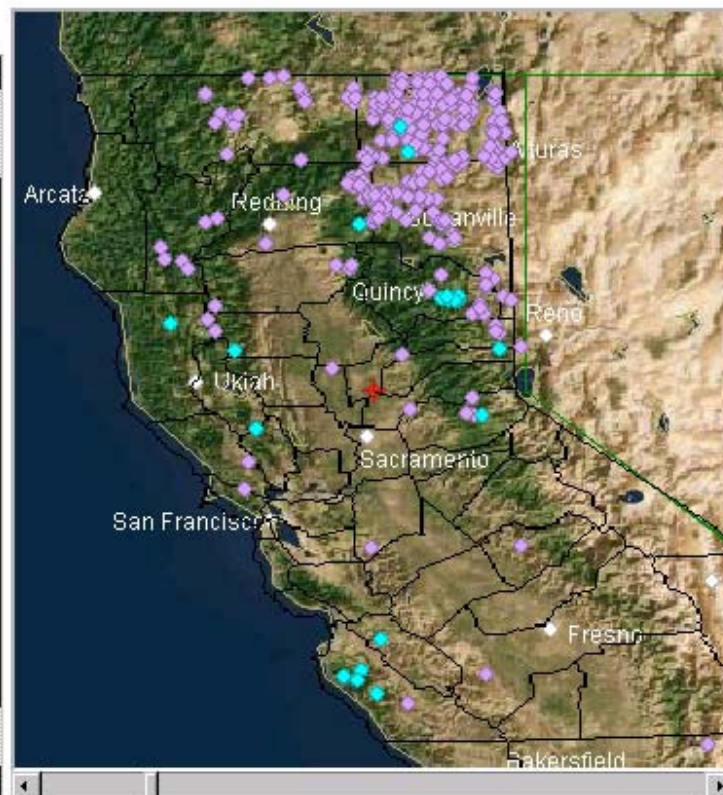
Bromus tectorum var. *tectorum*

Total Number of points mapped: 615



Layers

- Themes
- Relief
- False Color Satalite
- Aerial Ortho-Photos
- Calif Cities
- Vector Data
- World Contours
- Political Boundaries
- Country & State
- Calif Counties
- Observations
- Literature (0)
- Reported (586)
- Documented (29)
- Specimens (0)
- Reference
- Lat/Long Grid
- Crosshair
- Scale



Behaviors

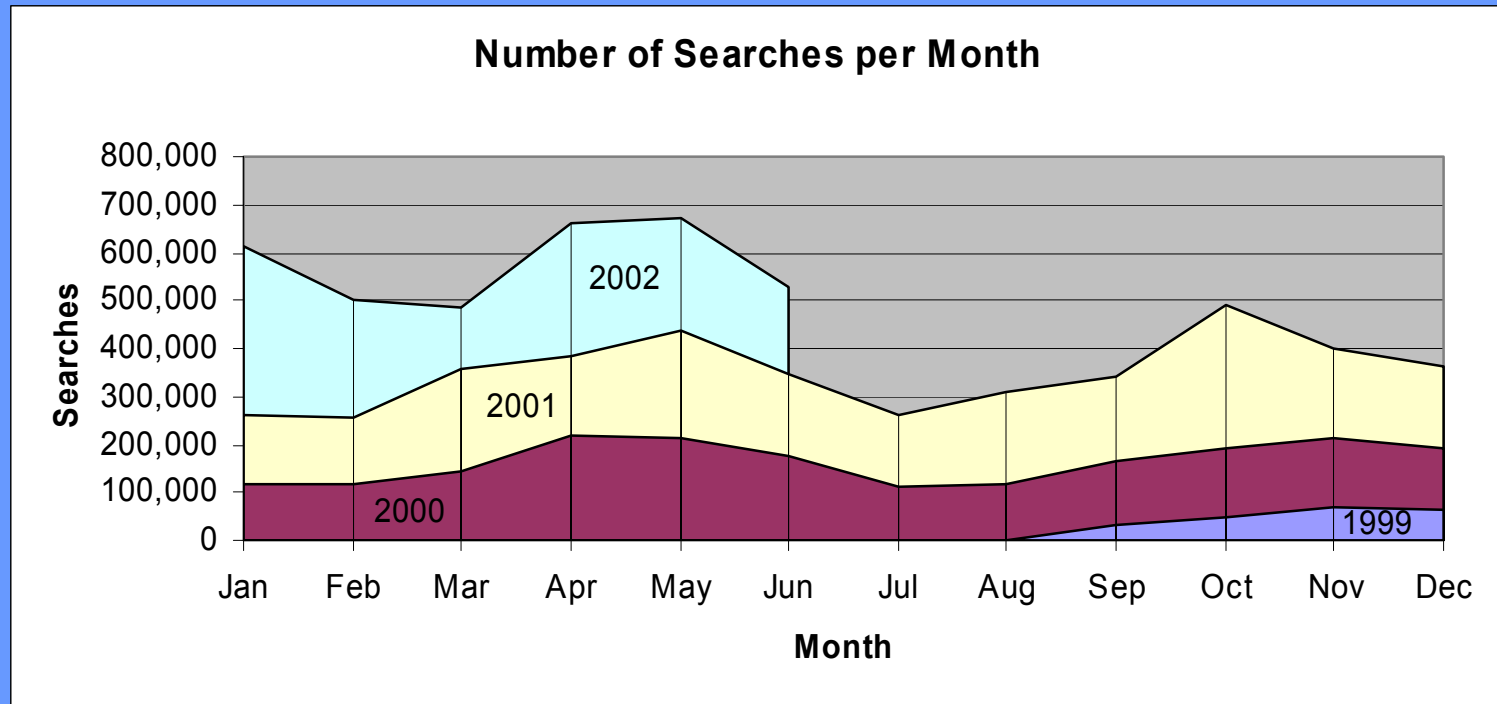


Zoom:

204.8 km



User Community



- About 30,000 different users per month, making 600,000 requests for photos and information
- Large range of users, from expert botanists to school children.



Build Participation

- Users help build and improve photo and data collections
- Opportunities for all ages and skill levels

Photo Collection Participation

➤ Photos are donated by expert and amateur photographers.







➤ Annotations allows experts to review and correct identifications.

➤ Click on *ID reviewed* or *ID not reviewed* to see or add annotations.

CalPhotos Berkeley Digital Library Project

Number of matches: 132
prev 12 next 12

Click on the thumbnail to see an enlargement

 <p>Calochortus monophyllus Yellow Star Tulip <input type="checkbox"/> ID not reviewed</p> <p>Lowens 0000 0000 0702 0480 more information</p>	 <p>Calochortus monophyllus Yellow Star Tulip <input type="checkbox"/> ID not reviewed</p> <p>Lowens 0000 0000 0702 0479 more information</p>	 <p>Calochortus nudus Naked Mariposa <input type="checkbox"/> ID not reviewed</p> <p>Lowens 0000 0000 0702 0482 more information</p>
 <p>Calochortus nudus Naked Mariposa <input type="checkbox"/> ID not reviewed</p> <p>Lowens 0000 0000 0702 0481 more information</p>	 <p>Calochortus obispoensis San Luis Mariposa Lily <input type="checkbox"/> ID not reviewed</p> <p>Lowens 0000 0000 0702 0485 more information</p>	 <p>Calochortus obispoensis San Luis Mariposa Lily <input type="checkbox"/> ID not reviewed</p> <p>Lowens 0000 0000 0702 0483 more information</p>



- Observation Submission
- Instructions
- Frequently asked questions
- How to contribute locations
- Identification resources
- Exit an observation

Instructions: Use this form to submit an observation to CalFlora. Fill out the **required fields in red** and as many of the optional fields as you can, and then click on "submit". For information on each field, click on the field name. Detailed observation reports are more valuable than generalized information. Please check your spelling and information closely before submission.

Required Information

You are logged in as **Tony Morasco** ([change](#))

name of observer(s)
Name of person(s) making the observation. Must include your name if registered.

plant observed [index](#)
Scientific name only. Look up common names in [CalFlora](#).

county

observation date at least year is required

method of identification

- I recognize this plant from prior determinations and experience
- I compared this plant with herbarium specimens
- I keyed this plant in a botanical reference
- I compared this plant with published taxonomic descriptions
- An expert reviewed and confirmed this identification

certainty of identification

- I am confident of this identification, and submit this as a positive observation.
- I am not certain of this identification but believe it to be a significant observation and submit it here as an alert only

Location Information

location description
Text description of location (up to 255 characters)

GEOREFERENCED LOCATION
CHOOSE ONE of the following location types to enter **AND** the precision of measurement.

latitude and longitude
Latitude Longitude

OR

UTM coordinates
zone 10 of 11 6 digits 7 digits

OR

meridian, township, range and section
meridian township range section

AND

location precision ±

Other Observation Information

elevation

elevation precision ±

habitat description
Description of habitat when this observation was made

other notes
Your notes on this observation: 255 character maximum.

Your Record Identifiers (Optional)

your unique record identifier
Recommended if you keep track of observations in a separate file that may be updated.

your dataset or subset identifier
A way of grouping your records. Example: "Plants of Tilden Park."

Observation Library Participation



Calflora

Confirm Observation Contribution

Example Photo of
Potentilla hickmanii



Tony Morosco

Note the identification of this photo is not yet confirmed.

[Other Photos of
Potentilla hickmanii](#)

[Calflora Species report for
Potentilla hickmanii](#)

[Other Observations of
Potentilla hickmanii](#)

Having problems?
please [contact us](#).

Please review the following messages before continuing:

- **Plant Observed:**

- The plant you are submitting an observation for is considered rare.
Please consider filing a [report](#) with the State of California [Natural Diversity Database](#).

You are reporting an observation of ***Potentilla hickmanii***, observed by **Tony Morosco** on **Feb 2002** in **San Mateo County**.

You have indicated the location description as **"Slope south of Martini Creek, uphill from horse corrals."**, and included the georeferenced location **Zone=10, Easting=543760, Northing=4156370**

approximate location of observation from UTM



www.CalFlora.org 2002

Open door: Document observer credentials so data can be used appropriately

bio/credentials	Botanist, CalFlora Database. 10 years experience in field botany in California. B.A. Integrative Biology, UC Berkeley	<i>example:</i> Botanical consultant; B.S. Plant Biology, Arizona State Univ. <i>example:</i> Student, Portola Middle School
expertise/interests	biodiversity informatics, floristics, and systematics of California plants, Poententilla subsect. Multijugaea	<i>example:</i> Ranunculaceae (esp. Delphinium), aquatic monocots <i>example:</i> Trees of Wildcat Canyon
experience level	Please check the appropriate statement: <input checked="" type="radio"/> I am a professional biologist/botanist, or have professional training in botany. <input type="radio"/> Although I do not have formal credentials, I am recognized as a peer by professional botanists. <input type="radio"/> Although I do not consider myself to have professional-level knowledge, I am quite experienced in the use of keys and descriptions, and/or have expertise with the plants for which I will be submitting observations. <input type="radio"/> I do not have extensive experience or background in botany, but I am confident that I can accurately identify the plants for which I will be submitting observations.	
age group	Please check the appropriate range <input checked="" type="radio"/> Adult (ages 18 and over) <input type="radio"/> Teen (ages 13 - 18) <input type="radio"/> Child (ages 12 and under)	



Support Coordinated Action

- Provide infrastructure for data sharing and exchange among local volunteer groups
- Provide tools for easy viewing, downloading and analysis of data from many sources

Maintain occurrence library and tools

Java Interactive GIS Viewer 3.0:

Your query searched for the following plant names: (Click on a name to see synonymy)

[Bromus tectorum](#)

[Bromus tectorum var. glabratus](#)

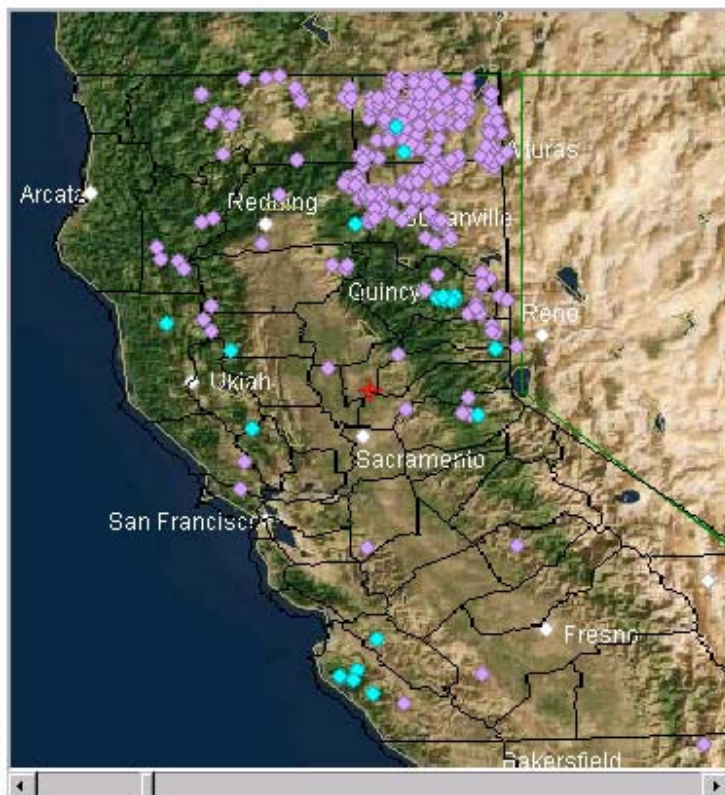
[Bromus tectorum var. tectorum](#)

Total Number of points mapped: 615



Layers

- Themes
- Relief
- False Color Satalite
- Aerial Ortho-Photos
- Calif Cities
- Vector Data
- World Contours
- Political Boundaries
- Country & State
- Calif Counties
- Observations
- Literature (0)
- Reported (586)
- Documented (29)
- Specimens (0)
- Reference
- Lat/Long Grid
- Crosshair
- Scale



Behaviors



Zoom:

204.8 km



Email Alerts: New county records for invasives

Subject: Added to occ: Spartium junceum in TUL by David Graber
From: web server <webuser@dlp.CS.Berkeley.EDU>
Date: 7/25/2002 3:30 PM
To: calflora@calflora.org

The following observation was added by David Graber
http://www.calflora.org/cgi-bin/occ_query?seq_num=1874950&one=T

ID #: 1874950
Source: David Graber (david_graber@nps.gov)
Taxon: Spartium junceum
Observation Date: 2002-07-25
Observer: David Graber
County: Tulare
Best Georef: Zone=11, Easting=332000, Northing=4036200 (utm)
Location Descrip: Three Rivers. Bed of Kaweah River, Middle Fork

Special Messages:
This is a observation of an INVASIVE WEED (CalEPPC:B,CA:not listed,FED:not listed)
New County report: Spartium junceum not previously reported from Tulare County
INVASIVE WEED NEW TO Tulare

Subject: Added to occ: Spartium junceum in TUL by David Graber
From: web server <webuser@dlp.CS.Berkeley.EDU>
Date: 7/25/2002 3:30 PM
To: calflora@calflora.org

The following observation was added by David Graber
http://www.calflora.org/cgi-bin/occ_query?seq_num=1874950&one=T

ID #: 1874950
Source: David Graber (david_graber@nps.gov)
Taxon: Spartium junceum
Observation Date: 2002-07-25
Observer: David Graber
County: Tulare
Best Georef: Zone=11, Easting=332000, Northing=4036200 (utm)
Location Descrip: Three Rivers. Bed of Kaweah River, Middle Fork

Special Messages:
This is a observation of an INVASIVE WEED (CalEPPC:B,CA:not listed,FED:not listed)
New County report: Spartium junceum not previously reported from Tulare County
INVASIVE WEED NEW TO Tulare

Location Descrip: Lake Shastina Golf Resort; East Side entrance.


ID #: 1874950
Source: David Graber (david_graber@nps.gov)
Taxon: Spartium junceum
Observation Date: 2002-07-25
Observer: David Graber
County: Siskiyou
Best Georef: Zone=11, Easting=0272589, Northing=3876705 (utm)
Location Descrip: Elkhorn Hills. Elkhorn Grade, 1st summit to E of Soda Lake Rd.

Special Messages:
This is a observation of an INVASIVE WEED (CalEPPC:not listed,CA:A,FED:not listed)
New County report: Chondrilla juncea not previously reported from Siskiyou County
INVASIVE WEED NEW TO Siskiyou
No georeferenced points submitted

Best Georef: Zone=11, Easting=0272589, Northing=3876705 (utm)
Location Descrip: Elkhorn Hills. Elkhorn Grade, 1st summit to E of Soda Lake Rd.

Special Messages:
This is a observation of an INVASIVE WEED (CalEPPC:not listed,CA:C,FED:not listed)
New County report: Salsola paulsenii not previously reported from San Luis Obispo County
INVASIVE WEED NEW TO San Luis Obispo

Contributing Observations

 Add Observations to CalFlora

Instructions: Use this form to submit an observation to CalFlora. Fill out the **required fields in red** and as many of the optional fields as you can, and then click on "submit". For information on each field, click on the field name. Detailed observation reports are more valuable than generalized information. Please check your spelling and information closely before submission.

Observation Submission Instructions
Frequently asked questions
How to generate reference locations
Identification resources
Edit an observation

Required Information

You are logged in as **Tony Morasco** [\(change\)](#)

name of observer(s)
Please enter any/all individuals making the observation. Must include your name as required.

plant observed [index](#)
Scientific names only. Link to common name in CalFlora.

county

observation date at least year is required

method of identification
 I recognize this plant from prior determinations and experience
 I compared this plant with herbarium specimens
 I keyed this plant as a botanical reference
 I compared this plant with published taxonomic descriptions
 An expert reviewed and confirmed this identification

certainty of identification
 I am confident of this identification, and submit this as a positive observation.
 I am not certain of this identification but believe it to be a significant observation and submit it here as an alert only

Location Information

location description
Text description of location (up to 255 characters)

GEOREFERENCED LOCATION

CHOOSE ONE of the following location types to enter **AND** the precision of measurement.

latitude and longitude
Example: 34.34434 or 34.347 03.334* or 34.33 03.334
*Longitude starting with 03.000

OR

UTM coordinates
zone 10 or 11 6 digits 7 digits
*Longitude starting with 03.000

OR

meridian, township, range and section

AND

location precision

Other Observation Information

elevation

elevation precision

habitat description
Description of habitat when the observation was made

other notes
Your notes on this observation. 255 character maximum.

Your Record Identifiers (Optional)

your unique record identifier
Recommended if you keep track of information in a separate file that may be updated.

your dataset or subset identifier
A way of grouping your records. Example: "Plants of Tilden Park."



Add Observations to CalFlora

Calflora

Observation Submissions:

Instructions

Frequently asked questions

How to georeference locations

Identification resources

Edit an observation

Instructions: Use this form to submit an observation to [CalFlora](#).

Fill out the **required fields in red** and as many of the optional fields as you can, and then click on "submit".

For information on each field, click on the field name. Detailed observation reports are more valuable than generalized information. Please check your spelling and information closely before submission.

Required Information

You are logged in as **Tony Morosco** [[change](#)]

name of observer(s)

Name of person(s) making this observation. Must include your name as registered.

plant observed

Scientific names only. Look up common names in [Calflora](#).

county

 , California

observation date

 at least year is required

method of identification

- I recognize this plant from prior determinations and experience
- I compared this plant with herbarium specimens
- I keyed this plant in a botanical reference
- I compared this plant with published taxonomic descriptions
- An expert reviewed and confirmed this identification

certainty of identification

- I am confident of this identification, and submit this as a positive observation.
- I am not certain of this identification but believe it to be a significant observation and submit it here as an alert only.

Location Information

location description

Slope south of Martini Creek, uphill from horse corrals.

Text description of location (up to 255 characters).

GEOREFERENCED LOCATION

CHOOSE ONE of the following location types to enter **AND** the precision of measurement.

latitude and longitude

NAD 27 (default)

datum

Formats: 34.34456

or 34d 30' 03.334"

latitude

longitude

or 34 30 03.334

[Locate Lat/Long using GIS Viewer](#)

OR

UTM coordinates

zone

zone 10 or 11

Easting

6 digits

Northing

7 digits

[Locate UTM using GIS Viewer](#)

OR

meridian, township, range and section

--select meridian--

meridian

township

range

section

AND

location precision

± 200

feet

Other Observation Information

elevation	<input type="text"/> --select units-- ▾
elevation precision	± <input type="text"/> --select units-- ▾
habitat description	<input type="text" value="Coastal prairie/grassland"/> <small>Description of habitat where this observation was made.</small>
other notes	<input type="text" value="Transportation Biologists, this population is the largest in the world for this species. Only one other locality is known to exist in Monterey County, (and one population presumed extinct in Sonoma County)."/> <small>Your notes on this observation. 255 characters maximum.</small>

Your Record Identifiers

(Optional)

your unique record identifier	<input type="text" value="TM200202"/> <small>Recommended if you keep track of information in a separate file that may be updated.</small>
your dataset or subset identifier	<input type="text" value="Plants of Montara Mountain"/> <small>A way of grouping your records. Example: "Plants of Tilden Park"</small>

Submit

Reset



Example Photo of
Potentilla hickmanii



Tony Morosco

Note the identification of this photo is not yet confirmed.

[Other Photos of
Potentilla hickmanii](#)

[Calflora Species report for
Potentilla hickmanii](#)

[Other Observations of
Potentilla hickmanii](#)

Having problems?
please [contact us](#).

Please review the following messages before continuing:

- **Plant Observed:**

- The plant you are submitting an observation for is considered rare.
Please consider filing a [report](#) with the State of California [Natural Diversity Database](#).

You are reporting an observation of **Potentilla hickmanii**, observed by **Tony Morosco** on **Feb 2002** in **San Mateo County**.

You have indicated the location description as "**Slope south of Martini Creek, uphill from horse corrals.**", and included the georeferenced location **Zone=10, Easting=543760, Northing=4156370**

approximate location of observation from UTM





Calflora

Overview

Species Information

Occurrence Library

Synonyms

Photo Collection

Observation Contribution Confirmed

Thank You for your contribution.

Your observation of **Potentilla hickmanii** has been added to the CalFlora Plant Observations Library.
The unique Calflora ID is 1853418.

You can now view your [observation details report here](#).

or view it with maps and aerial photos on the [GIS Viewer](#) (if georeferenced). You can also [view all observations of Potentilla hickmanii](#) from all sources.

To enter a new observation, [click here](#).

To start a new observation as a duplicate of this one, [click here](#).

To modify your observation, [click here](#).



- Overview
- Occurrence Library
- Synonyms
- Photo Collection**

Update Existing Profile
Add an observation

Instructions: Fill out and submit this form before submitting observations to Calflora.
Required information is in red.
Your user profile will be created exactly from your registration, so please word your responses carefully. Calflora does not share personal information with others, but the information you provide will be publicly available on our website. Once registered, you may immediately begin submitting plant observations. You may update your profile at any time.

Please note that registration to contribute photos is currently a separate process handled through the UC Berkeley Digital Library Project. We estimate completing this form takes less than 5 minutes.

Registration Form

first name	<input type="text" value="Walter"/>	<i>example:</i> John C.
last name	<input type="text" value="Morosco"/>	<i>example:</i> Smith
password	<input type="password" value="*****"/>	<i>example:</i> Delphinium
re-type password	<input type="password" value="*****"/>	exactly as typed above
email	<input type="text" value="tony-morosco@calflora.org"/>	<i>example:</i> jsmith@nature.com
bio/credentials	<input type="text" value="Botanist, CalFlora Dataase. 10 years experience in field botany in California. B.A. Integrative Biology, UC Berkeley"/>	<i>example:</i> Botanical consultant, B.S. Plant Biology, Arizona State Univ. <i>example:</i> Student, Portola Middle School
expertise/interests	<input type="text" value="biodiversity informatics, floristics, and systematics of California plants, Poententilla subsect. Multijugaea"/>	<i>example:</i> Ranunculaceae (esp. Delphinium), aquatic monocots <i>example:</i> Trees of Willcat Canyon
experience level	Please check the appropriate statement. <input checked="" type="radio"/> I am a professional biologist/botanist, or have professional training in botany. <input type="radio"/> Although I do not have formal credentials, I am recognized as a peer by professional botanists. <input type="radio"/> Although I do not consider myself to have professional-level knowledge, I am quite experienced in the use of keys and descriptions, and/or have expertise with the plants for which I will be submitting observations. <input type="radio"/> I do not have extensive experience or background in botany, but I am confident that I can accurately identify the plants for which I will be submitting observations.	
age group	Please check the appropriate range. <input checked="" type="radio"/> Adult (ages 18 and over) <input type="radio"/> Teen (ages 13 - 18) <input type="radio"/> Child (ages 12 and under)	
affiliation	<input type="text" value="E Bay Chapter California Native Plant Society"/>	<i>example:</i> U.S. Forest Service
contact information <small>strongly recommended.</small>	<input type="text" value="937 San Pablo Ave"/> <small>street address</small> <input type="text" value="Albany"/> <input type="text" value="CA"/> <input type="text" value="94710"/> <input type="text" value="U.S.A."/> <small>city / state / postal code / country</small> <input type="text" value="510 528-5426"/> <small>telephone</small>	<i>example:</i> 937 San Pablo Ave, Albany / CA / 94706 / U.S.A. 510 629-6426
website	<input type="text" value="http://www.calflora.org/~waltony"/>	<i>example:</i> http://www.earthlink.com/my_page
agreement	<input type="text" value="I will submit only my own observations of wild plants. I realize that this system is only for first-hand reports about plants, native and introduced, that are growing without deliberate planting or cultivation."/> <input checked="" type="checkbox"/> I have read and will abide by this agreement. <small>(contact calflora@calflora.org if you have other kinds of information you'd like to submit)</small>	
quality commitment	<input type="text" value="I will, to the best of my ability, make sure I have the correct scientific name for plants I report. I will submit uncertain identifications only if I believe them to be very important and time sensitive, and will label such reports 'uncertain'."/> <input checked="" type="checkbox"/> I have read and agree to this quality commitment	
permission	<input checked="" type="checkbox"/> I hereby grant permission to the public to use data I submit to Calflora.	

Submit Reset

If you have any questions or problems with registration, please contact Calflora at calflora@calflora.org

New Observer's Registration Form



Calflora

Registration to contribute Plant Observations

[Confirm Registration](#)

Please check the information you submitted below. Remember that the information will appear on our website exactly as you submit it. If the information is correct, click the *Submit* button to submit your registration.

Profile for [Walter Morosco](#)

Biography & Credentials:

Botanist, CalFlora Database. 10 years experience in field botany in California. B.A. Integrative Biology, UC Berkeley

Expertise & Interests:

Walter is a Professional Biologist.

biodiversity informatics, floristics, and systematics of California plants, Poetentilla subsect. Multijugaea

Affiliation:

Calflora and East Bay Chapter California Native Plant Society

Contact information:

Email tony-morosco@calflora.org

937 San Pablo Ave Albany, CA 94710 U.S.A. 510 528-5428

<http://www.calflora.org/~walmartony>

Registered:

2002-05-21 17:51:33

If you need to make corrections please use the *Back* button on your web browser to make corrections. Please [contact us](#) with any questions or problems. For more information about contributing observations and other requirements, see [About Contributing Observations](#).



Calflora

Registration to contribute Plant Observations Confirmed

Registration Confirmed

Your registration has been processed and preliminarily approved.

Name: **Walter Morosco**

Password: **Ldensiflorus**

Unique ID: **11**

Please keep this information in a safe place.

A message has been sent to confirm your email address.

You may now :

[submit plant observations to Calflora.](#)

[view your profile.](#)

[update profile for Walter Morosco.](#)

[register for other features \(contribute photos • contribute annotations • etc.\)](#)

[return to Calflora.](#)

Please [contact us](#) if you have any questions.

For more information about contributing observations, see [About Contributing Observations](#).

Quality documentation: observer credentials

bio/credentials	Botanist, CalFlora Database. 10 years experience in field botany in California. B.A. Integrative Biology, UC Berkeley	<i>example:</i> Botanical consultant; B.S. Plant Biology, Arizona State Univ. <i>example:</i> Student, Portola Middle School
expertise/interests	biodiversity informatics, floristics, and systematics of California plants, Poententilla subsect. Multijugaea	<i>example:</i> Ranunculaceae (esp. Delphinium), aquatic monocots <i>example:</i> Trees of Wildcat Canyon
experience level	Please check the appropriate statement: <input checked="" type="radio"/> I am a professional biologist/botanist, or have professional training in botany. <input type="radio"/> Although I do not have formal credentials, I am recognized as a peer by professional botanists. <input type="radio"/> Although I do not consider myself to have professional-level knowledge, I am quite experienced in the use of keys and descriptions, and/or have expertise with the plants for which I will be submitting observations. <input type="radio"/> I do not have extensive experience or background in botany, but I am confident that I can accurately identify the plants for which I will be submitting observations.	
age group	Please check the appropriate range <input checked="" type="radio"/> Adult (ages 18 and over) <input type="radio"/> Teen (ages 13 - 18) <input type="radio"/> Child (ages 12 and under)	

Quality documentation: attribution and methods

Identification resources Edit an observation	name of observer(s) Tony Morosco and Ann Dennis <small>Name of person(s) making this observation. Must include your name as registered.</small>
	plant observed Potentilla hickmanii <input type="button" value="index"/> <small>Scientific names only. Look up common names in California.</small>
	county San Mateo, California
	observation date February unknown 2002 <small>at least year is required</small>
	method of identification <input checked="" type="checkbox"/> I recognize this plant from prior determinations and experience <input type="checkbox"/> I compared this plant with herbarium specimens <input type="checkbox"/> I keyed this plant in a botanical reference <input type="checkbox"/> I compared this plant with published taxonomic descriptions <input type="checkbox"/> An expert reviewed and confirmed this identification
	certainty of identification <input checked="" type="radio"/> I am confident of this identification, and submit this as a positive observation. <input type="radio"/> I am not certain of this identification but believe it to be a significant observation and submit it here as an alert only.

Quality control: first-hand, positive observations

agreement	<p>I will submit only my own observations of wild plants. I realize that this system is only for first-hand reports about plants, native and introduced, that are growing without deliberate planting or cultivation.</p> <p><input checked="" type="checkbox"/> I have read and will abide by this agreement.</p> <p><i>(contact calflora@calflora.org if you have other kinds of information you'd like to submit)</i></p>
quality commitment	<p>I will, to the best of my ability, make sure I have the correct scientific name for plants I report. I will submit uncertain identifications only if I believe them to be very important and time sensitive, and will label such reports 'uncertain'.</p> <p><input checked="" type="checkbox"/> I have read and agree to this quality commitment.</p>
permission	<p><input checked="" type="checkbox"/> I hereby grant permission to the public to use data I submit to Calflora.</p>

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