

The Consortium of California Herbaria (CCH)



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CCH Background

- Founded in 2003 as a project to digitize and publish CA herbarium specimens from the UC system
- In 2013, has 31 contributors, including some from out of state
 - 1,867,693 specimen records
 - 1,097,505 georeferenced
 - Records publicly searchable and mappable
 - Georeference cloning of “target taxa”

CCH Cloning Interface

Consortium of California Herbaria

JEPS · SBBG · CHSC · CSUSB · DAV · IRVC · UCR · UCSB · UCSC · UC · RSA-POM · SJSU · SDSU · SD

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Accession Results – 15828 records retrieved

Results for search: County=ALAMEDA; Source=All;

Map the results using [BerkeleyMapper](#) (10334 records with coordinates [those with a [light green](#) checkbox])

Select one record with coordinates and one or more records that should receive the same coordinates.

Clone the selected record coordinates

User name:

NOTA BENE: Try to choose records that have error radius estimates for cloning.

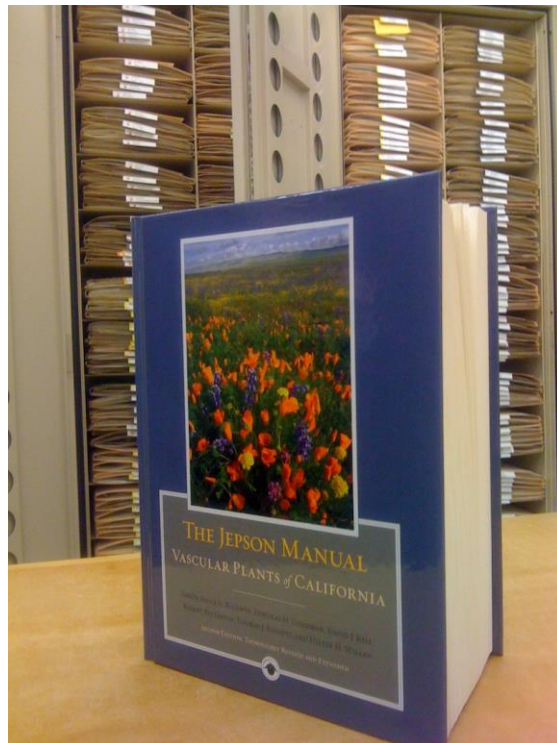
Click on accession number to display detailed record; click on column header to sort data; click in leftmost checkbox to select record.

[Reload \(uncheck\)](#)

	Accession ID	Determination	Collector	Coll. Date	Coll. Num.	County	Locality	Coordinates: Lat. Long.	Elevation (m)	E.R.	Ref Source	Comments
<input type="checkbox"/>	RSA201503	Abies bracteata	J. T. Howell	Apr 25 1960	s.n.	Alameda	Central Western; San Francisco Bay Area region Tilden Park, Berkeley. Exhibited in show of California Spring Blossom and Wild Flower Association.	37.9064 -122.2560		2700 m	GoogleMaps via BerkeleyMapper	Comment
<input type="checkbox"/>	OBI7566	Abies grandis	H. E. McMinn	February 11, 1934	3305	Alameda	Lakeside Park, Oakland	37.8080 -122.2576		0.281 miles	Terrain Navigator 5.03 1:24000 (copied from UC1331768)	Comment
<input checked="" type="checkbox"/>	UC7607	Abronia latifolia	W. L. Jepson	Jul 31 1891		Alameda	west Berkeley	37.8686 -122.2919		1.435 km	GoogleMaps via BerkeleyMapper (copied from SBBG118753)	Comment Read comments
<input checked="" type="checkbox"/>	JEPS61194	Abronia latifolia	W. L. Jepson	1894		Alameda	probably West Berkeley (shores of San Francisco Bay); San Francisco Bay -- Habitat: shores	Paste coords from BerkeleyMapper				Comment
<input type="checkbox"/>	SEINET323885	Abronia latifolia	Marcus E. Jones	1881-07-15	2379	Alameda	Oakland.	Paste coords from BerkeleyMapper				Comment

The Jepson Flora Project

- A major flora project spearheaded at the Jepson Herbarium
- *TJM2* and eFlora both published in 2012
- Reciprocal relationship between *JFP knowledge* and *CCH data*



The Jepson Herbarium
University of California, Berkeley

Directory News Site Map Home

Jepson eFlora

The Jepson eFlora is supported by the Friends of the Jepson Herbarium

LIFE MEMBERS

Lowell Ahart*
Bruce G. Baldwin
Christopher Davidson
Frank W. Ellis*
Wilma and William Follette*
Kenneth R. Himes
Kenneth Fuller*, in memory of Thomas C. Fuller
Alan I. Kaplan, in honor of Dr. Job Kuijt
Staci Markos
Mary Ann Matthews
Brent D. Mishler
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Richard Moe

Photo credits

Phylogenetic index to families

The Jepson eFlora contains taxonomic treatments for native and naturalized plants occurring in wildlands or otherwise outside of cultivation in California. Documented waifs and some agricultural weeds are also included. Treatments were initially derived from *The Jepson Manual: Vascular Plants of California, Second Edition*, available at the University of California Press.

The eFlora has diverged from the print book in that it: (1) contains descriptions not in the print book (e.g., waifs, agricultural weeds); (2) contains errata as well as other small changes made relative to the print book; (3) contains direct links to the Consortium of California Herbaria; (4) contains direct links to the Online Interchange for California Floristics, and (5) contains substantive revisions of scientific content for some taxa, see Revision 1, and a link to a supplement for TJM2 (July 2013).

The Jepson eFlora is a product of the Jepson Flora Project.

Table of families and genera

Philosophy

User's Guide (Conventions)

Glossary

Geographic subdivisions of California

Key to families

Keys to genera in families

Indexes to accepted names and synonyms:
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

Search the eFlora for a name:

Scientific Name Common Name

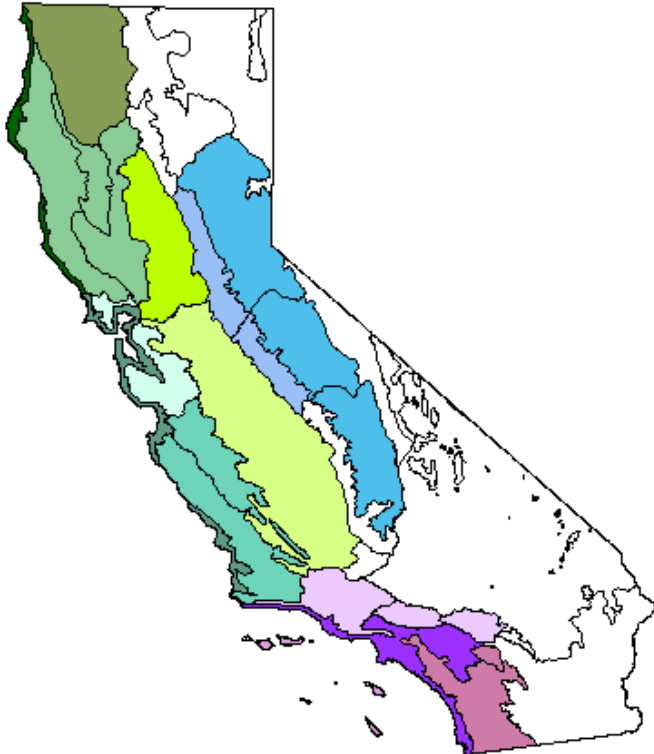
Submit Name Reset Submit Name Reset

Other eFlora tools ...

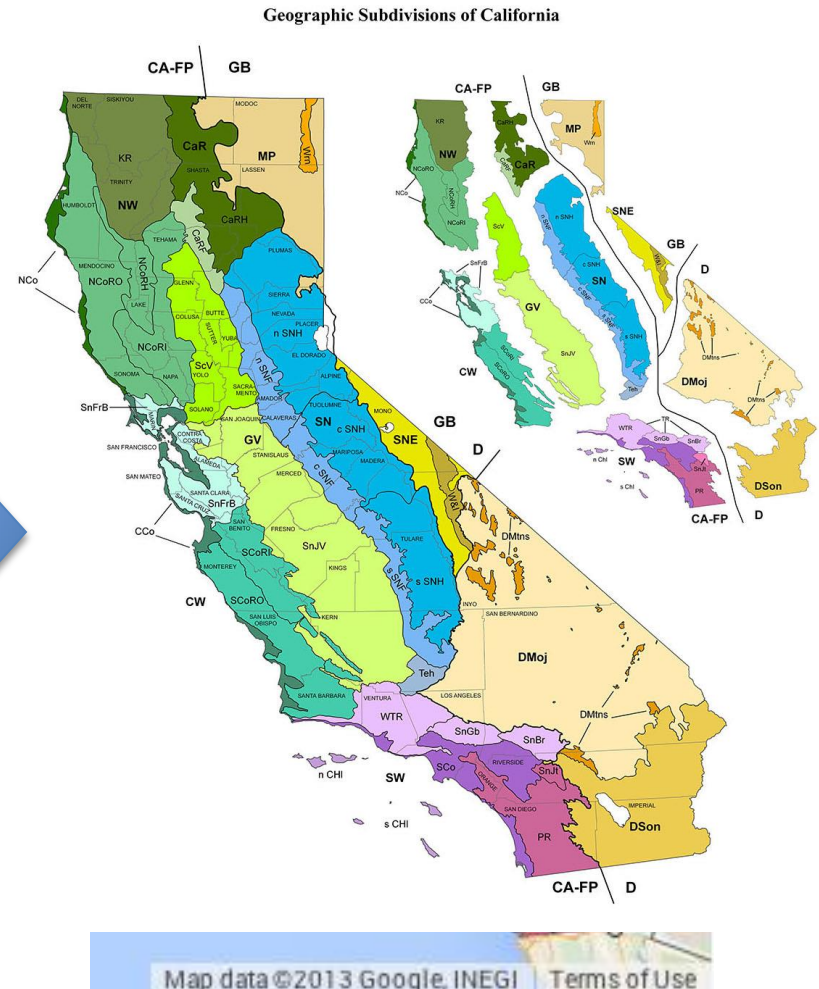
See also: California Moss eFlora

Curating CCH Data

- Jepson “distribution strings”



CA range of *Stellaria nitens* as represented in the Jepson eFlora



CCH records determined as *S. nitens*, those outside range colored yellow



Curating CCH Data

- Over 70,000 “yellow flags”!
- False positives:
 - Incomplete eFlora representation
 - Sharp boundaries
- Other errors
 - Georeferencing errors
 - Misidentification and naming issues

Addressing Yellow Flags

- Names with many flags in one bioregion
- Names with a single yellow flag
- And more...!



CCH specimens of *Castilleja minor subsp. spiralis* in the PR bioregion

Thank You!



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