

*Astragalus brauntonii*

**Common Name:** Braunton's milk-vetch  
**Family:** Fabaceae  
**Synonyms:**  
**Element Code:** PDFAB0F1G0  
**Full Name:** *Astragalus brauntonii* Parish  
**USDA PLANTS Symbol:** ASBR6



2015 Ron Vanderhoff

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** January - August  
**Habitat:** recent burns or disturbed areas, usually sandstone with carbonate layers.  
 • Chaparral  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California

**Federal Listing Status:** FE  
 Endangered (01/29/87)

**State Listing Status:**  
 Not Listed

**State Rank:** S2  
 S2: Imperiled.

**Global Rank:** G2  
 G2: Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 42

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	9	6	6	5	16

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
10	32

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
37	4	1

**Notes**

Threatened by development, vegetation/fuel management activities, and alteration of local fire regimes. See *Bulletin of the Southern California Academy of Sciences* 2:26-27 (1903) for original description, and *Fremontia* 19(3):6-7 (1991) for species account.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2011-10-06

**Location**

**Elevation:** 4 - 640 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** *name (code)*  
 Los Angeles (LAX), Orange (ORA), Riverside (RIV), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*  
 Prado Dam (087B) 33117H6, Black Star Canyon (087C) 33117G6, Azusa (109B) 34117B8, Mt. Wilson (110A) 34118B1, Van Nuys (111B) 34118B4, Beverly Hills (111C)\* 34118A4, Hollywood (111D)\* 34118A3, Canoga Park (112A)?\* 34118B5, Calabasas (112B) 34118B6, Malibu Beach (112C)\* 34118A6, Topanga (112D) 34118A5, Thousand Oaks (113A) 34118B7, Point Dume (113D) 34118A7, Camarillo (114A) 34119B1, Oat Mountain (138D) 34118C5

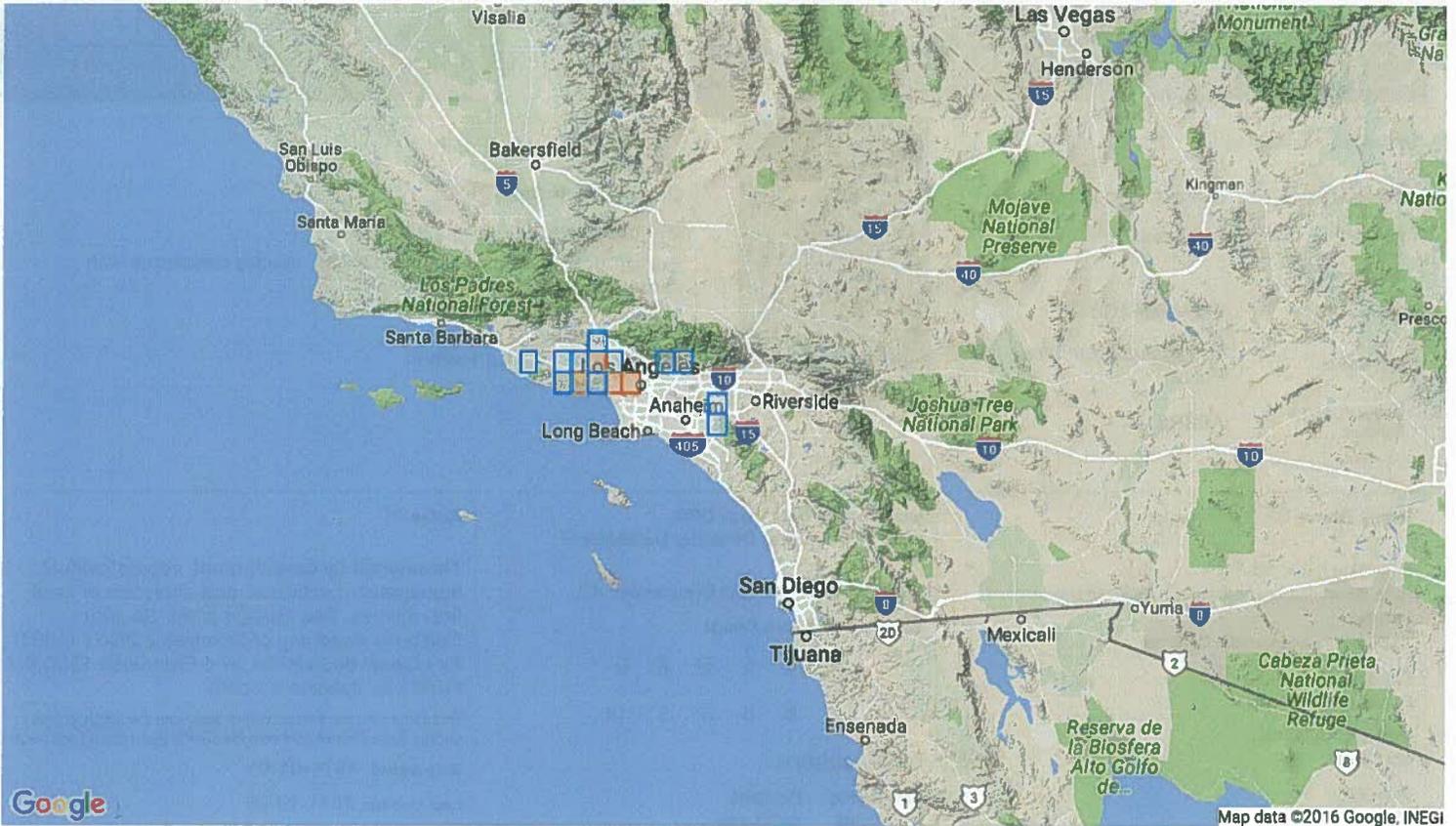
**Notes:**

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.





**Links to Leading Resources of Taxon Information**

- [USDA PLANTS](#)
- [Calflora](#)
- [Consortium of California Herbaria](#)
- [CalPhotos](#)
- [California Department of Fish and Wildlife: CNDDDB Quick Viewer](#)

**Suggested Citation**

CNPS, Rare Plant Program. 2016. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 05 August 2016].

-117.625,33.875

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CA

*Atriplex coulteri*

**Common Name:** Coulter's saltbush  
**Family:** Chenopodiaceae  
**Synonyms:**  
**Element Code:** PDCHE040E0  
**Full Name:** *Atriplex coulteri* (Moq.) D. Dietr.  
**USDA PLANTS Symbol:** ATCO5



2006 Steve Matson

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** March - October  
**Habitat:** alkaline or clay.  
 • Coastal bluff scrub  
 • Coastal dunes  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
**2:** Fairly endangered in California

**Federal Listing Status:**

Not Listed

**State Listing Status:**

Not Listed

**State Rank:** S1S2

S1: Critically imperiled. S2: Imperiled.

**Global Rank:** G3

G3: Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 102

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	2	5	2	4	89

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
56	46

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
98	1	3

**Notes**

Few recent sightings. Reports from Riverside Co. are likely misidentified. Threatened by development, and probably by feral herbivores.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the [CNPS Rare Plant Data page](#).

**Date Added:** 1994-01-01

**Last Update:** 2010-03-15

**Location**

**Elevation:** 3 - 460 meters

**California Endemic:** no

**States:** California, Baja California

**California Counties and Islands:** *name (code)*

Anacapa Island (ANA), Los Angeles (LAX), Orange (ORA), Santa Barbara (SBA), San Bernardino (SBD), San Clemente Island (SCM), Santa Catalina Island (SCT), Santa Cruz Island (SCZ), San Diego (SDG), San Luis Obispo (SLO), San Miguel Island (SMI), Santa Rosa Island (SRO), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Otay Mesa (010C) 32116E8, National City (011A) 32117F1, Point Loma (011B) 32117F2, Imperial Beach (011D) 32117E1, Poway (022A) 32117H1, La Jolla (022C) 32117G2, Mesa Grande (034A) 33116B7, San Pasqual (034C) 33116A8, Rancho Santa Fe (035C) 33117A2, San Luis Rey (036A) 33117B3, Oceanside (036B) 33117B4, Encinitas (036D) 33117A3, Palomar Observatory (049D) 33116C7, Las Pulgas Canyon (051C) 33117C4, San Clemente (052A) 33117D5, Dana Point (052B) 33117D6, San Onofre Bluff (052D) 33117C5, San Juan Capistrano (070C) 33117E6, Canada Gobernadora (070D) 33117E5, Tustin (071A) 33117F7, Newport Beach (071B) 33117F8, Laguna Beach (071D) 33117E7, Prado Dam (087B) 33117H6, Long Beach (089C) 33118G2, Inglewood (090A) 33118H3, Redondo Beach (090C) 33118G4, Beverly Hills (111C) 34118A4, Malibu Beach (112C) 34118A6, Point Dume (113D) 34118A7, Ventura (141D) 34119C3, Carpinteria (142A) 34119D5, Santa Barbara (142B) 34119D6, Goleta (143A) 34119D7, Point Conception (145B) 34120D4, Lompoc Hills (170C) 34120E4, Tranquillon Mtn. (171D) 34120E5, Port San Luis (222A) 35120B7, Anacapa Island (ANAC) 33119H3, San Clemente Island Central (SCMC) 32118G4, San Clemente Island North (SCMN) 32118H5, San Clemente Island South (SCMS) 32118G3, Santa Catalina East (SCTE) 33118C3, Santa Catalina North (SCTN) 33118D4, Santa Catalina South (SCTS) 33118C4, Santa Catalina West (SCTW) 33118D5, Santa Cruz Island A (SCZA) 33119H7, Santa Cruz Island B (SCZB) 33119H6, Santa Cruz Island C (SCZC) 33119H5, Santa Cruz Island D (SCZD) 33119H4, San Miguel Island East (SMIE) 33120H3, San Miguel Island West (SMIW) 33120H4, San Nicolas Island (SNIC) 33119B4, Santa Rosa Island East (SROE) 33119H8, Santa Rosa Island North (SRON) 33120H1, Santa Rosa Island South (SROS) 33120G1, Santa Rosa Island West (SROW) 33120H2

**Notes:**

Species may be present in other areas where conditions are favorable.



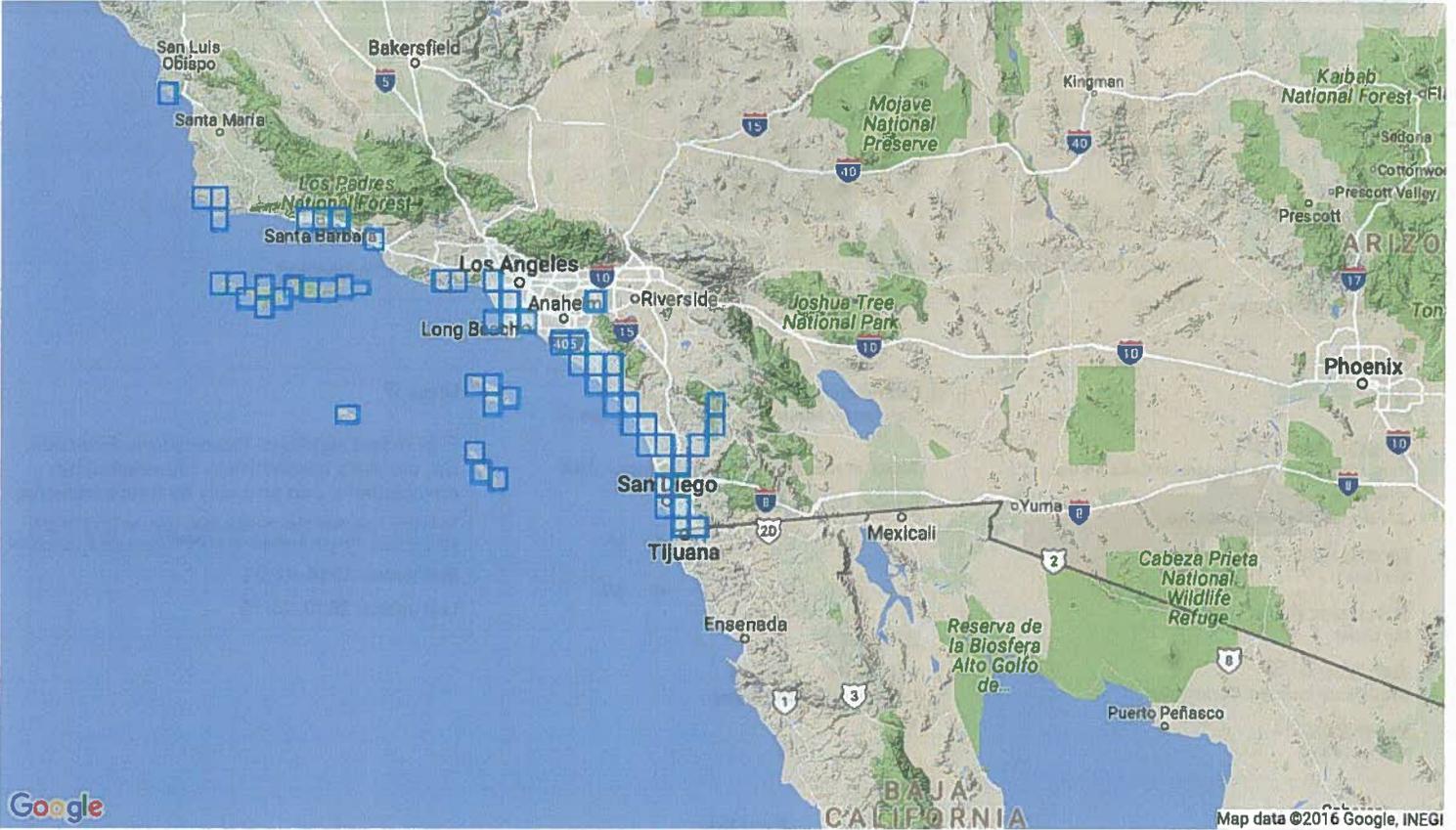
Presumed Extant

1131

[Printable version of this map](#)

Counties

Quads



**Links to Leading Resources of Taxon Information**

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CA,BA

*Atriplex parishii*

**Common Name:** Parish's brittle-scale  
**Family:** Chenopodiaceae  
**Synonyms:**  
**Element Code:** PDCHE041D0  
**Full Name:** *Atriplex parishii* Wats.  
**USDA PLANTS Symbol:** ATPA2



2014 Jordan Zylstra

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** June - October  
**Habitat:** alkaline.  
 • Chenopod scrub  
 • Playas  
 • Vernal pools

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California  
**Federal Listing Status:**  
 Not Listed  
**State Listing Status:**  
 Not Listed  
**State Rank:** S1  
 S1: Critically Imperiled.  
**Global Rank:** G1G2  
 G1: Critically Imperiled. G2: Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 16

**Element Occurrence Ranks:**

A	B	C	D	X	U
1	1	0	0	2	12

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
14	2

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
14	1	1

**Notes**

Threatened by development, agricultural conversion, and grazing. Taxonomic reevaluation indicates plant is only from southern California, but is closely related to more northern *A. depressa* and *A. minuscula*. See *Proceedings of the American Academy of Arts and Sciences* 17:377 (1882) for original description.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 1988-01-01

**Last Update:** 2014-01-03

**Location**

**Elevation:** 25 - 1900 meters

**California Endemic:** NO

**States:** California, Baja California

**California Counties and Islands:** name (code)

Los Angeles (LAX) \*, Orange (ORA) \*, Riverside (RIV), San Bernardino (SBD) \*, San Diego (SDG)

**Quads:** name (DWR code) USGS code

San Pasqual (034C) 33116A8, Rancho Santa Fe (035C) 33117A2, Butterfly Peak (066D)\* 33116E5, Hemet (067B) 33116F8, Winchester (068A) 33117F1, Newport Beach (071B)?\* 33117F8, Laguna Beach (071D)\* 33117E7, Seal Beach (072A)?\* 33118F1, Palm Springs (083D)\* 33116G5, Perris (085C) 33117G2, Anaheim (088C) 33117G8, Long Beach (089C)\* 33118G2, Redondo Beach (090C)\* 33118G4, Burbank (111A)\* 34118B3, Beverly Hills (111C)\* 34118A4, Big Bear City (131D)\* 34116C7

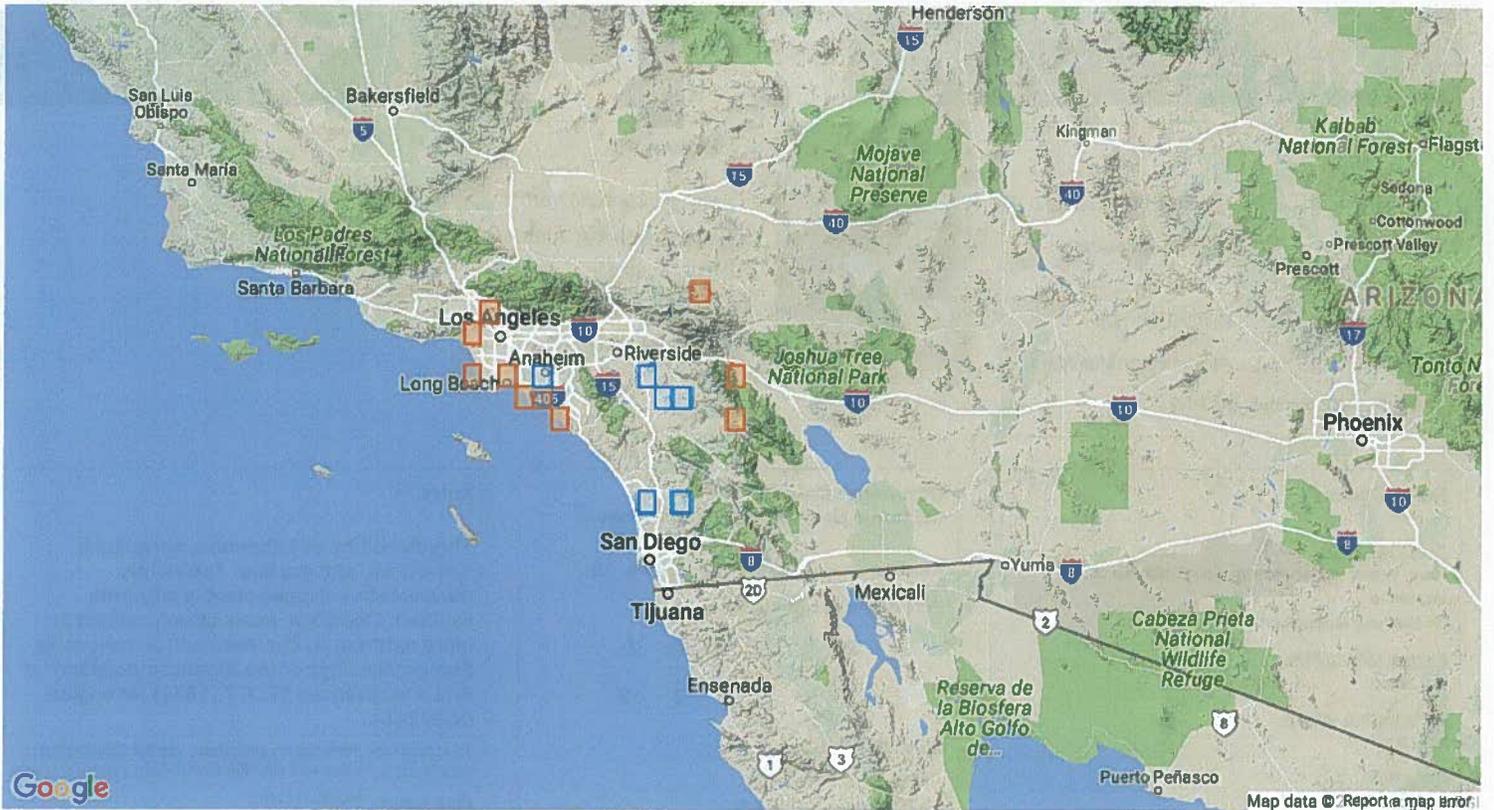
**Notes:**

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- ? Uncertain about distribution or identity
- ?\* Uncertain about distribution, but presumed extirpated if once present
- (?) Occurrence confirmed, but possibly extirpated

Species may be present in other areas where conditions are favorable.





**Links to Leading Resources of Taxon Information**

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CA,BA

*Atriplex serenana* var. *dauidsonii*

**Common Name:** Davidson's saltscale  
**Family:** Chenopodiaceae  
**Synonyms:**  
**Element Code:** PDCHE041T1  
**Full Name:** *Atriplex serenana* A. Nels. var. *dauidsonii* (Standl.) Munz  
**USDA PLANTS Symbol:** ATSED



2009 Stanley Spencer

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** April - October  
**Habitat:** alkaline.  
 • Coastal bluff scrub  
 • Coastal scrub

**Rarity Status**

**Rare Plant Rank:** 1B.2

Rare, threatened, or endangered in California and elsewhere  
 2: Fairly endangered in California

**Federal Listing Status:**

Not Listed

**State Listing Status:**

Not Listed

**State Rank:** S1

S1: Critically imperiled.

**Global Rank:** G5T1

T1: Critically imperiled. G5: (species) Secure, considering populations outside California.

**Occurrence Data from DFG**

**California Natural Diversity Database**

**Total # of Known Element Occurrences:** 28

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	1	0	1	4	22

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
19	9

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
24	4	0

**Notes**

Is plant extirpated from LAX Co.? Known from SCZ Isl. From a single collection in 1930. Need quads for SDG Co. and SCT and SRO islands. See *North American Flora* 21:57 (1916) for original description.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2014-01-03

**Location**

**Elevation:** 10 - 200 meters

**California Endemic:** no

**States:** California, Baja California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX) (\*?), Orange (ORA), Riverside (RIV), Santa Barbara (SBA) \*, Santa Catalina Island (SCT), Santa Cruz Island (SCZ) \*, San Diego (SDG), San Luis Obispo (SLO), Santa Rosa Island (SRO), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Winchester (068A) 33117F1, Tustin (071A) 33117F7, Newport Beach (071B) 33117F8, Laguna Beach (071D) 33117E7, Seal Beach (072A) 33118F1, San Pedro (073A)(\*?) 33118F3, El Casco (085A) 33117H1, Perris (085C) 33117G2, Lakeview (085D) 33117G1, Yorba Linda (088A) 33117H7, Los Angeles (110C) 34118A2, Hollywood (111D)\* 34118A3, Malibu Beach (112C) 34118A6, Oxnard (114B) 34119B2, Ojai (140B) 34119D2, Matilija (141A) 34119D3, Santa Barbara (142B)\* 34119D6, Goleta (143A) 34119D7, Gaviota (144B) 34120D2, Zaca Creek (169B) 34120F2, Guadalupe (196A) 34120H5, Santa Catalina East (SCTE) 33118C3, Santa Cruz Island C (SCZC)\* 33119H5, Santa Rosa Island South (SROS) 33120G1

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.



Presumed Extant

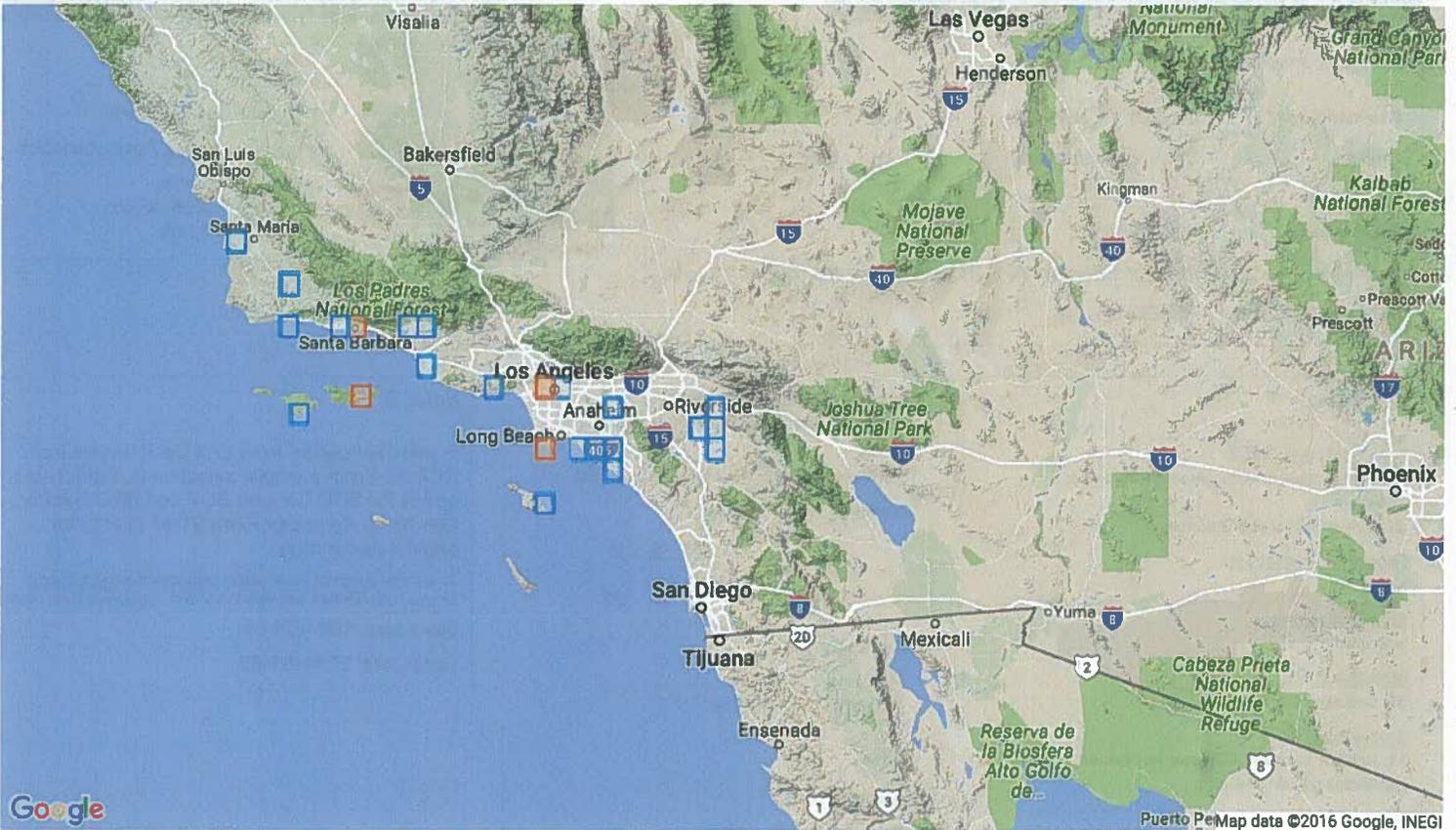
Presumed Extirpated or Unknown

1584

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Counties

Quads



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CA,BA

*California macrophylla*

<b>Common Name:</b>	round-leaved filaree
<b>Family:</b>	Geraniaceae
<b>Synonyms:</b>	<i>Erodium macrophyllum</i>
<b>Element Code:</b>	PDGER01070
<b>Full Name:</b>	<i>California macrophylla</i> (H. & A.) Aldas, Navarro, Vargas, Saez & Aedo
<b>USDA PLANTS Symbol:</b>	ERMAM2



2005 Timothy Milliken 2005

**Biology**

- Lifeform:** annual herb
- Blooming Period:** March - May
- Habitat:** clay.
  - Cismontane woodland
  - Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
 .2: Fairly endangered in California

**Federal Listing Status:**  
 Not Listed

**State Listing Status:**  
 Not Listed

**State Rank:** S3?  
 S3: Vulnerable.

**Global Rank:** G3?  
 G3: Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 162

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
16	26	6	2	9	103

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
69	93

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
153	8	1

**Notes**

Threatened by development, urbanization, and habitat alteration. Possibly threatened by vehicles, grazing, and non-native plants. See *The Botany of Captain Beechey's Voyage* p. 327 (1838) for original description, *Anales del Jardín Botánico de Madrid* 59(2):109-216 (2002) for revised nomenclature, and *Madroño* 52(1):53-59 (2005) for ecological information.

To submit rare plant observation data, use the [CNDD field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 2001-01-01  
**Last Update:** 2015-07-06

**Location**

**Elevation:** 15 - 1200 meters

**California Endemic:** NO

**States:** California, Baja California, Oregon

**California Counties and Islands:** *name (code)*

Alameda (ALA), Butte (BUT) (\*?), Contra Costa (CCA), Colusa (COL), Fresno (FRE), Glenn (GLE), Kings (KNG), Kern (KRN), Lake (LAK), Los Angeles (LAX), Merced (MER), Monterey (MNT), Napa (NAP), Riverside (RIV), Santa Barbara (SBA), San Benito (SBT), Santa Clara (SCL), Santa Catalina Island (SCT), Santa Cruz Island (SCZ) \*, San Diego (SDG), San Joaquin (SJK), San Luis Obispo (SLO), San Mateo (SMT), Solano (SOL), Sonoma (SON), Stanislaus (STA), Tehama (TEH), Tulare (TUL), Ventura (VEN), Yolo (YOL)

**Quads:** *name (DWR code) USGS code*

Dulzura (010A) 32116F7, Otay Mesa (010C) 32116E8, National City (011A) 32117F1, El Cajon Mtn. (021A) 32116H7, San Pasqual (034C) 33116A8, Sage (067C) 33116E8, Romoland (068B) 33117F2, Murrieta (068C) 33117E2, Bachelor Mtn. (068D) 33117E1, Lake Elsinore (069A) 33117F3, Alberhill (069B) 33117F4, Sunnymead (085B) 33117H2, Perris (085C) 33117G2, Lake Mathews (086C) 33117G4, Vidal (096D) 34114A5, Glendora (109A) 34117B7, San Dimas (109D) 34117A7, Los Angeles (110C) 34118A2, Burbank (111A) 34118B3, Calabasas (112B) 34118B6, Malibu Beach (112C) 34118A6, Piru (139A) 34118D7, Simi (139D) 34118C7, Lake Hughes (162B) 34118F4, Whitaker Peak (163C) 34118E6, Warm Springs Mountain (163D) 34118E5, Rancho Nuevo Creek (166B) 34119F4, Figueroa Mtn. (168B) 34119F8, Los Olivos (169A) 34120F1, La Liebre Ranch (188C) 34118G6, Lebec (189D) 34118G7, Pleito Hills (190A) 34119H1, Eagle Rest Peak (190B) 34119H2, Hurricane Deck (193D) 34119G7, Tehachapi North (212B) 35118B4, Tehachapi South (212C) 35118A4, Wells Ranch (217C) 35119A6, Chimineas Ranch (218B) 35119B8, Taylor Canyon (218C) 35119A8, Caliente Mtn. (218D) 35119A7, Rio Bravo Ranch (239A) 35118D7, Carneros Rocks (243A) 35119D7, Simmler (243C) 35119C8, La Panza NE (244A) 35120D1, La Panza Ranch (244B) 35120D2, California Valley (244D) 35120C1, Camatta Ranch (245A) 35120D3, Atascadero (246B) 35120D6, Lake Isabella South (260C) 35118E4, Knob Hill (262C) 35118E8, Pine Mountain (262D) 35118E7, Orchard Peak (267B) 35120F2, Packwood Creek (267D) 35120E1, Cholame (268A) 35120F3, Estrella (269A) 35120F5, White River (286D) 35118G7, Garza Peak (291B) 35120H2, Pyramid Hills (291D) 35120G1, Tierra Redonda



Mountain (294C) 36120G8, Priest Valley (316B) 36120B6, Slack Canyon (316C) 36120A8, Smith Mountain (316D) 36120A5, Monarch Peak (317A) 36120B7, Ciervo Mtn. (339A) 36120D5, Idria (339B) 36120D6, San Benito Mtn. (339C) 36120C6, Santa Rita Peak (339D) 36120C5, Rock Spring Peak (340B) 36120D8, Hepsedam Peak (340D) 36120C7, Rana Creek (343A) 36121D5, Chews Ridge (343D) 36121C5, Tumey Hills (361C) 36120E6, Llanada (362C) 36120E8, Panoche (362D) 36120E7, Panoche Pass (363A) 36121F1, San Benito (363D) 36121E1, Ortigalita Peak NW (383B) 36120H8, Laguna Seca Ranch (383D) 36120G7, Hollister (385C) 36121G4, San Juan Bautista (386D) 36121G5, Howard Ranch (404A) 37121B1, Merced (421C) 37120C4, Patterson (424B) 37121D2, San Jose East (427D) 37121C7, San Gregorio (429C) 37122C4, Westley (443C) 37121E2, Tracy (444B) 37121F4, Lone Tree Creek (444C) 37121E4, Solyo (444D) 37121E3, Midway (445A) 37121F5, Altamont (445B) 37121F6, Stockton West (462A) 37121H3, Brentwood (463B) 37121H6, Byron Hot Springs (463C) 37121G6, Clifton Court Forebay (463D) 37121G5, Antioch South (464A) 37121H7, Clayton (464B)\* 37121H8, Oakland East (465C)\* 37122G2, Las Trampas Ridge (465D) 37122G1, Oakland West (466D)\* 37122G3, Honker Bay (481C) 38121A8, Antioch North (481D) 38121A7, Petaluma (484B) 38122B6, Elmira (498C) 38121C8, null (514C) 38121E8, Glascock Mtn. (532A) 38122H3, Wilson Valley (532B) 38122H4, Jericho Valley (532C) 38122G4, Arbuckle (546D) 39122A1, Leesville (547B) 39122B4, Wilbur Springs (547C) 39122A4, Salt Canyon (547D) 39122A3, Lodoga (563C) 39122C4, Nelson (577D)(\*) 39121E7, Willows (578C) 39122E2, Richardson Springs NW (593B) 39121H8, Santa Catalina East (SCTE) 33118C3, Santa Catalina North (SCTN) 33118D4, Santa Catalina South (SCTS) 33118C4, Santa Catalina West (SCTW) 33118D5, Santa Cruz Island A (SCZA) 33119H7, Santa Cruz Island B (SCZB) 33119H6, Santa Cruz Island C (SCZC) 33119H5, Santa Cruz Island D (SCZD) 33119H4

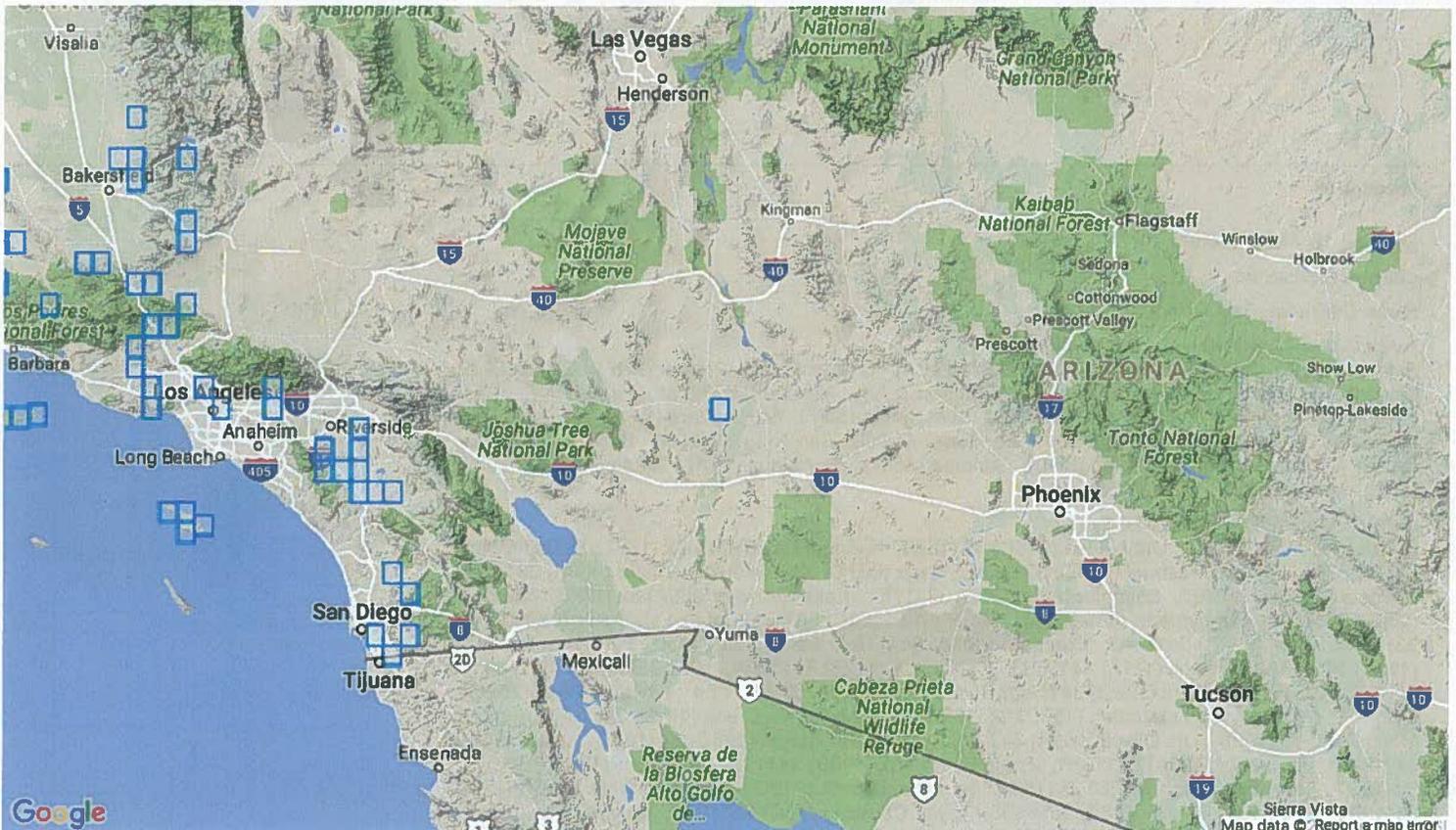
**Notes:**

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.

Presumed Extant    
  Presumed Extirpated or Unknown    
 1340    
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 Counties    
 Quads



**Links to Leading Resources of Taxon Information**

- [USDA PLANTS](#)

**Suggested Citation**

CNPS, Rare Plant Program. 2016. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 05

*Calochortus catalinae*

**Common Name:** Catalina mariposa lily  
**Family:** Liliaceae  
**Synonyms:**  
**Element Code:** PMLI0D080  
**Full Name:** *Calochortus catalinae* Wats.  
**USDA PLANTS Symbol:** CACA5



2005 Noah Eihardt

**Biology**

**Lifeform:** perennial bulbiferous herb  
**Blooming Period:** February - June  
**Habitat:**  
 • Chaparral  
 • Cismontane woodland  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 4.2  
 Uncommon in California  
 2: Fairly endangered in California

**Federal Listing Status:**  
 Not Listed

**State Listing Status:**  
 Not Listed

**State Rank:** S4  
 S4: Apparently secure within California.

**Global Rank:** G4  
 G4: Apparently secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:**

**Element Occurrence Ranks:**

**A B C D X U**

**Population Status:**

**Historic**    **Recent**  
 >20 yrs    <=20 yrs

**Presence:**

**Present**    **Possibly**    **Extirpated**  
**Extant**    **Extirpated**

**Notes**

Threatened by development.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2010-03-15

**Location**

**Elevation:** 15 - 700 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Orange (ORA), Santa Barbara (SBA), San Bernardino (SBD), Santa Catalina Island (SCT), Santa Cruz Island (SCZ), San Diego (SDG), Santa Rosa Island (SRO), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Wildomar (069D) 33117E3, Santiago Peak (070A) 33117F5, El Toro (070B) 33117F6, San Juan Capistrano (070C) 33117E6, Canada Gobernadora (070D) 33117E5, Tustin (071A) 33117F7, Laguna Beach (071D) 33117E7, San Pedro (073A) 33118F3, Prado Dam (087B) 33117H6, Black Star Canyon (087C) 33117G6, Corona South (087D) 33117G5, Yorba Linda (088A) 33117H7, La Habra (088B) 33117H8, Orange (088D) 33117G7, Redondo Beach (090C) 33118G4, Torrance (090D) 33118G3, San Bernardino North (107A) 34117B3, Ontario (108C) 34117A6, Guasti (108D) 34117A5, Glendora (109A) 34117B7, San Dimas (109D) 34117A7, Mt. Wilson (110A) 34118B1, Los Angeles (110C) 34118A2, El Monte (110D) 34118A1, Burbank (111A) 34118B3, Van Nuys (111B) 34118B4, Beverly Hills (111C) 34118A4, Hollywood (111D) 34118A3, Canoga Park (112A) 34118B5, Calabasas (112B) 34118B6, Malibu Beach (112C) 34118A6, Topanga (112D) 34118A5, Thousand Oaks (113A) 34118B7, Newbury Park (113B) 34118B8, Trlunfo Pass (113C) 34118A8, Point Dume (113D) 34118A7, Camarillo (114A) 34119B1, Point Mugu (114D) 34119A1, Sunland (137D) 34118C3, Newhall (138A) 34118D5, Santa Susana (138C) 34118C6, Fillmore (139B) 34118D8, Simi (139D) 34118C7, Santa Paula Peak (140A) 34119D1, Ojai (140B) 34119D2, Saticoy (140C) 34119C2, Santa Paula (140D) 34119C1, Matilija (141A) 34119D3, White Ledge Peak (141B) 34119D4, Ventura (141D) 34119C3, Carpinteria (142A) 34119D5, Santa Barbara (142B) 34119D6, Goleta (143A) 34119D7, Sacate (145A) 34120D3, Sleepy Valley (162D) 34118E3, Rancho Nuevo Creek (166B) 34119F4, Wheeler Springs (166D) 34119E3, Little Pine Mtn. (167C) 34119E6, Figueroa Mtn. (168B) 34119F8, San Marcos Pass (168D) 34119E7, Los Olivos (169A) 34120F1, Solvang (169C) 34120E2, Santa Ynez (169D) 34120E1, Zaca Lake (194D) 34120G1, Santa Catalina East (SCTE) 33118C3, Santa Catalina North (SCTN) 33118D4, Santa Catalina South (SCTS) 33118C4, Santa Catalina West (SCTW) 33118D5, Santa Cruz Island A (SCZA) 33119H7, Santa Cruz Island B (SCZB) 33119H6, Santa Cruz Island C (SCZC) 33119H5, Santa Rosa Island North (SRON) 33120H1, Santa Rosa Island South (SROS) 33120G1

**Notes:**

Species may be present in other areas where conditions are favorable.



Quad data is not available for all List 3 and 4 plants. For those that do contain this data, it has not been quality controlled and is potentially incomplete, inaccurate, and/or out of date. Please use caution when referencing this information. We are currently working hard to maintain this data and hope to provide accurate and up to date information in the near future.

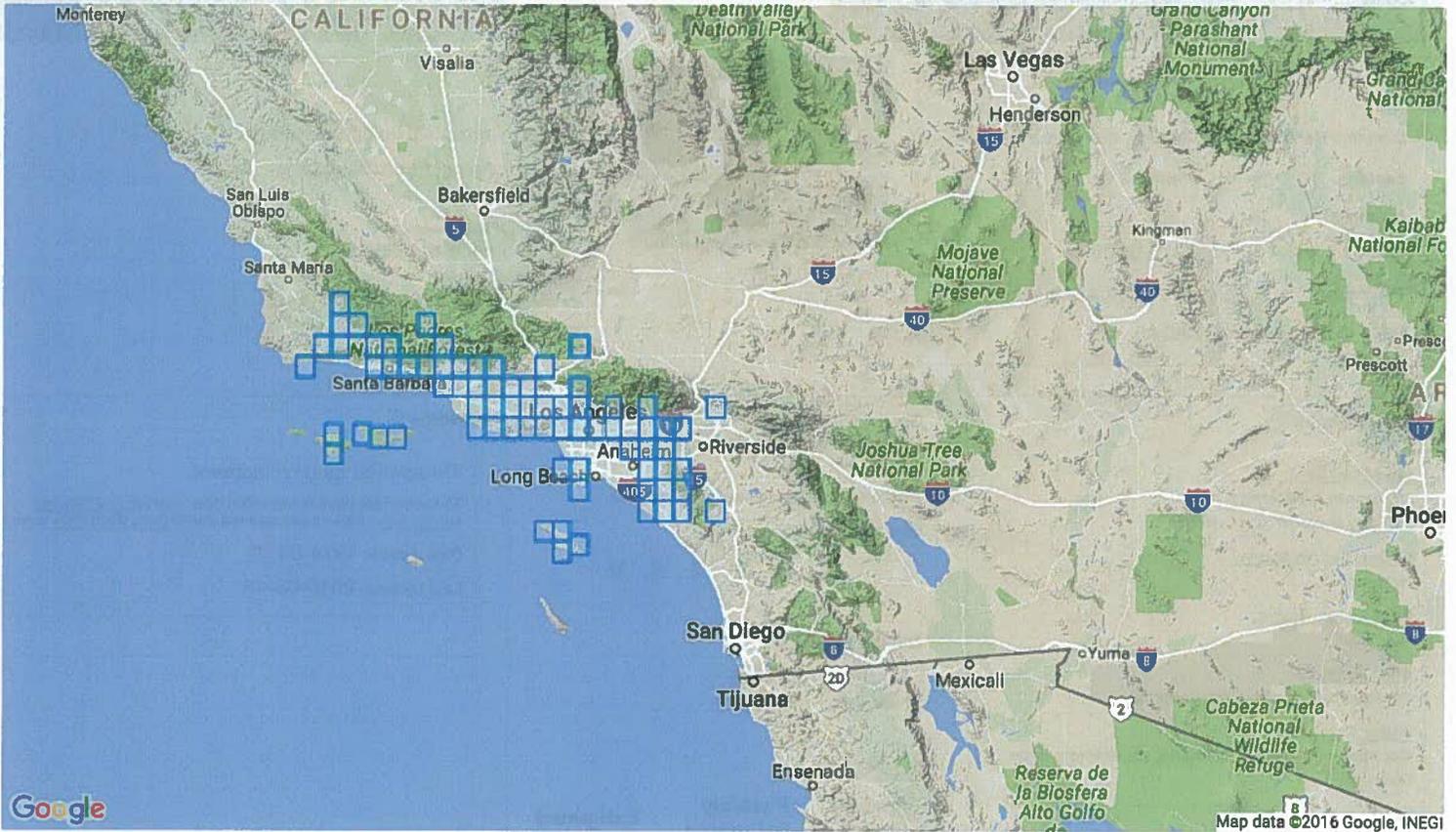
Presumed Extant

376

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Counties

Quads



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- [California Department of Fish and Wildlife: CNDDDB Quick Viewer](#)

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-117.25,34.125

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CA

*Calochortus plummerae*

**Common Name:** Plummer's mariposa lily  
**Family:** Liliaceae  
**Synonyms:**  
**Element Code:** PMLIL0D150  
**Full Name:** *Calochortus plummerae* Greene  
**USDA PLANTS Symbol:** CAPL2



2009 Thomas Stoughton

**Biology**

**Lifeform:** perennial bulbiferous herb  
**Blooming Period:** May - July  
**Habitat:** granitic, rocky.  
 • Chaparral  
 • Cismontane woodland  
 • Coastal scrub  
 • Lower montane coniferous forest  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 4.2  
 Uncommon in California  
 .2: Fairly endangered in California

**Federal Listing Status:**  
 Not Listed

**State Listing Status:**  
 Not Listed

**State Rank:** S4  
 S4: Apparently secure within California.

**Global Rank:** G4  
 G4: Apparently secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 230

**Element Occurrence Ranks:**

A	B	C	D	X	U
4	37	25	12	8	144

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
57	173

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
222	7	1

**Notes**

Previously on List 1B.2; more common than originally thought. Threatened by development, fire suppression, foot traffic, mining, powerline construction, and recreational activities. Possibly threatened by vegetation clearing, collecting, road maintenance, and non-native plants. Less common at higher elevations. Hybridizes with *C. weedii* var. *intermedius*. See *Pittonia* 2:70 (1890) for original description, and *Annals of the Missouri Botanical Garden* 27:515 (1940) for taxonomic treatment.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2012-09-24

**Location**

**Elevation:** 100 - 1700 meters

**California Endemic:** YES

**States:** California

**California Counties and Islands:** name (code)

Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Bernardino (SBD), Ventura (VEN)

**Quads:** name (DWR code) USGS code

Idyllwild (066B) 33116F6, Blackburn Canyon (067A) 33116F7, Bachelor Mtn. (068D) 33117E1, Lake Elsinore (069A) 33117F3, Sitton Peak (069C) 33117E4, Cabazon (084A)\* 33116H7, Beaumont (084B) 33116H8, San Jacinto (084C) 33116G8, Lake Fulmor (084D) 33116G7, El Casco (085A) 33117H1, Sunnymead (085B) 33117H2, Riverside East (086A) 33117H3, Riverside West (086B) 33117H4, Black Star Canyon (087C) 33117G6, Corona South (087D) 33117G5, La Habra (088B) 33117H8, Whittier (089A) 33118H1, Moonridge (105A) 34116B7, Big Bear Lake (105B) 34116B8, Forest Falls (105C) 34116A8, San Geronio Mtn. (105D) 34116A7, Keller Peak (106A) 34117B1, Harrison Mtn. (106B) 34117B2, Redlands (106C) 34117A2, Yucaipa (106D) 34117A1, San Bernardino North (107A) 34117B3, Devore (107B) 34117B4, Fontana (107C) 34117A4, Cucamonga Peak (108A) 34117B5, Mt. Baldy (108B) 34117B6, Ontario (108C)\* 34117A6, Glendora (109A) 34117B7, Azusa (109B) 34117B8, Baldwin Park (109C) 34117A8, San Dimas (109D) 34117A7, Mt. Wilson (110A) 34118B1, Pasadena (110B)\* 34118B2, Los Angeles (110C)\* 34118A2, El Monte (110D) 34118A1, Burbank (111A) 34118B3, Van Nuys (111B) 34118B4, Beverly Hills (111C) 34118A4, Hollywood (111D)\* 34118A3, Canoga Park (112A) 34118B5, Calabasas (112B) 34118B6, Malibu Beach (112C) 34118A6, Topanga (112D)\* 34118A5, Thousand Oaks (113A) 34118B7, Newbury Park (113B) 34118B8, Triunfo Pass (113C) 34118A8, Point Dume (113D) 34118A7, Camarillo (114A) 34119B1, Big Bear City (131D) 34116C7, Fifteenmile Valley (132A) 34117D1, Cajon (133C) 34117C4, Silverwood Lake (133D) 34117C3, Mount San Antonio (134C) 34117C6, Telegraph Peak (134D)\* 34117C5, Crystal Lake (135D) 34117C7, Condor Peak (136C)\* 34118C2, Chilao Flat (136D) 34118C1, Agua Dulce (137A) 34118D3, San Fernando (137C) 34118C4, Sunland (137D) 34118C3, Newhall (138A) 34118D5, Santa Susana (138C) 34118C6, Oat Mountain (138D) 34118C5, Moorpark (139C) 34118C8, Simi (139D) 34118C7, Ojai (140B) 34119D2

**Notes:**

Definitions of codes preceding a county and/or quad:



Quad data is not available for all List 3 and 4 plants. For those that do contain this data, it has not been quality controlled and is potentially incomplete, inaccurate, and/or out of date. Please use caution when referencing this information. We are currently working hard to maintain this data and hope to provide accurate and up to date information in the near future.

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.

 Presumed Extant

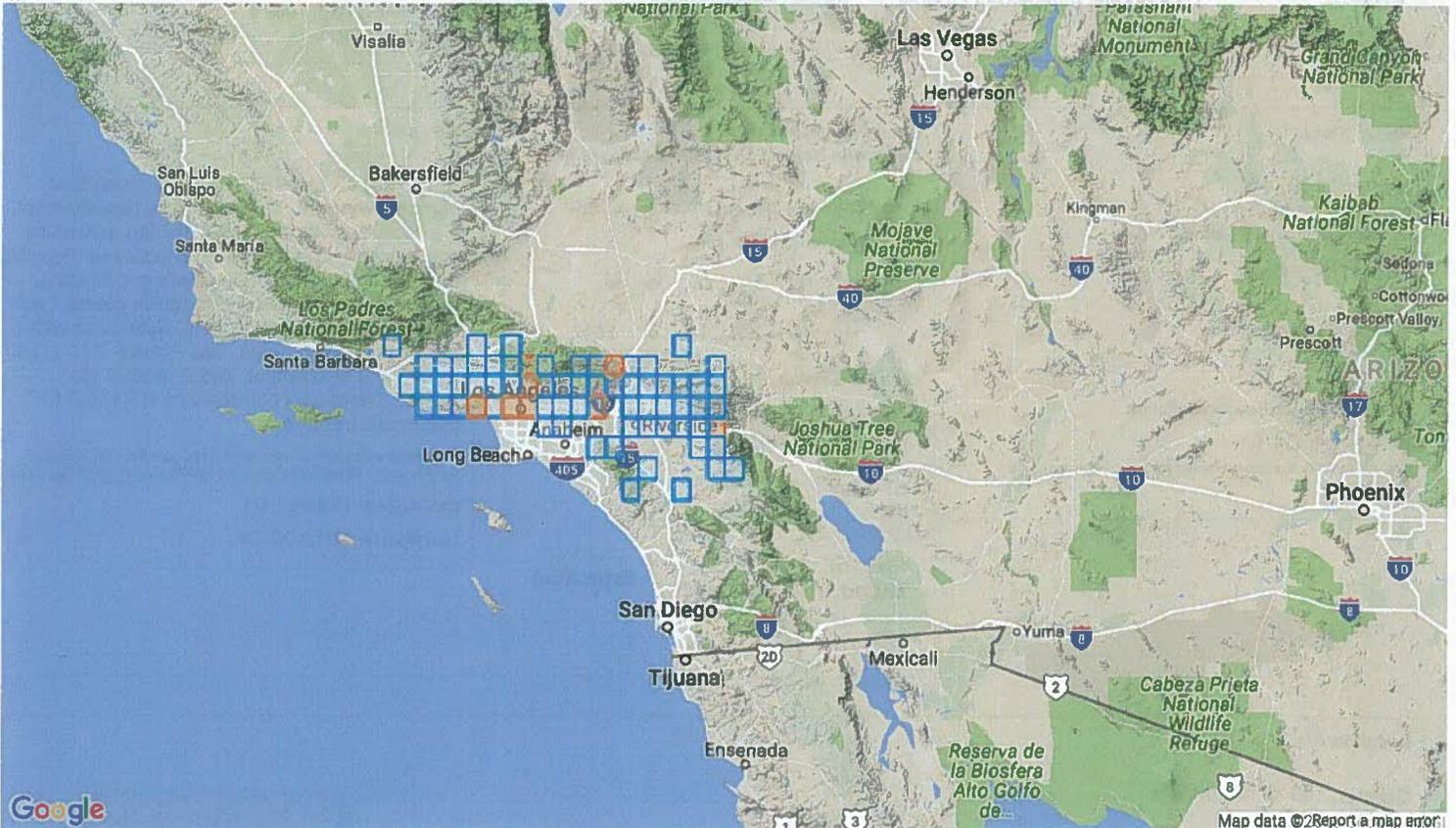
 Presumed Extirpated or Unknown

1599

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 Counties

 Quads



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-116.75,34.0

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*Centromadia parryi* ssp. *australis*

<b>Common Name:</b>	southern tarplant
<b>Family:</b>	Asteraceae
<b>Synonyms:</b>	<i>Hemizonia parryi</i> ssp. <i>australis</i>
<b>Element Code:</b>	PDAST4R0P4
<b>Full Name:</b>	<i>Centromadia parryi</i> (Greene) Greene ssp. <i>australis</i> (Keck) B.G. Baldwin
<b>USDA PLANTS Symbol:</b>	CEPAA



2003 Lynn Watson

**Biology**

- Lifeform:** annual herb  
**Blooming Period:** May - November  
**Habitat:**
- Marshes and swamps (margins)
  - Valley and foothill grassland (vernally mesic)
  - Vernal pools

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California

**Federal Listing Status:**  
 Not Listed

**State Listing Status:**  
 Not Listed

**State Rank:** S2  
 S2: Imperiled.

**Global Rank:** G3T2  
 T2: Imperiled. G3: (species) Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

Total # of Known Element Occurrences: 87

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
1	12	12	4	10	48

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
42	45

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
77	4	6

**Notes**

Need confirmation of SCT Isl. occurrences. Many ORA Co. occurrences recently extirpated. Many historical occurrences also extirpated; need information. Population fragmentation a serious problem, and plant continues to be threatened by urbanization, vehicles, development, foot traffic, grazing, habitat disturbance, and competition from non-native plants. A synonym of *Hemizonia parryi* ssp. *australis* in *TJM* (1993). See *Madroño* 3(1):15 (1935) for original description, and *Novon* 9:462-471 (1999) for revised nomenclature.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2013-10-04

**Location**

**Elevation:** 0 - 480 meters

**California Endemic:** NO

**States:** California, Baja California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Orange (ORA), Santa Barbara (SBA), Santa Catalina Island (SCT) ?, San Diego (SDG), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Del Mar (022B) 32117H2, San Pasqual (034C) 33116A8, Ramona (034D) 33116A7, San Marcos (035B) 33117B2, Escondido (035D) 33117A1, Morro Hill (051D) 33117C3, Canada Gobernadora (070D) 33117E5, Tustin (071A) 33117F7, Newport Beach (071B) 33117F8, Seal Beach (072A) 33118F1, Yorba Linda (088A) 33117H7, Anaheim (088C)\* 33117G8, Orange (088D) 33117G7, South Gate (089B)\* 33118H2, Long Beach (089C)\* 33118G2, Los Alamitos (089D) 33118G1, Inglewood (090A)\* 33118H3, Venice (090B)\* 33118H4, Torrance (090D) 33118G3, Baldwin Park (109C) 34117A8, Pasadena (110B)\* 34118B2, El Monte (110D) 34118A1, Van Nuys (111B)\* 34118B4, Beverly Hills (111C)\* 34118A4, Hollywood (111D)\* 34118A3, Newbury Park (113B) 34118B8, Sunland (137D) 34118C3, Pitas Point (141C)(\*) 34119C4, Goleta (143A) 34119D7, Dos Pueblos Canyon (143B) 34119D8, Santa Catalina East (SCTE)? 33118C3

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*



Species may be present in other areas where conditions are favorable.

Presumed Extant

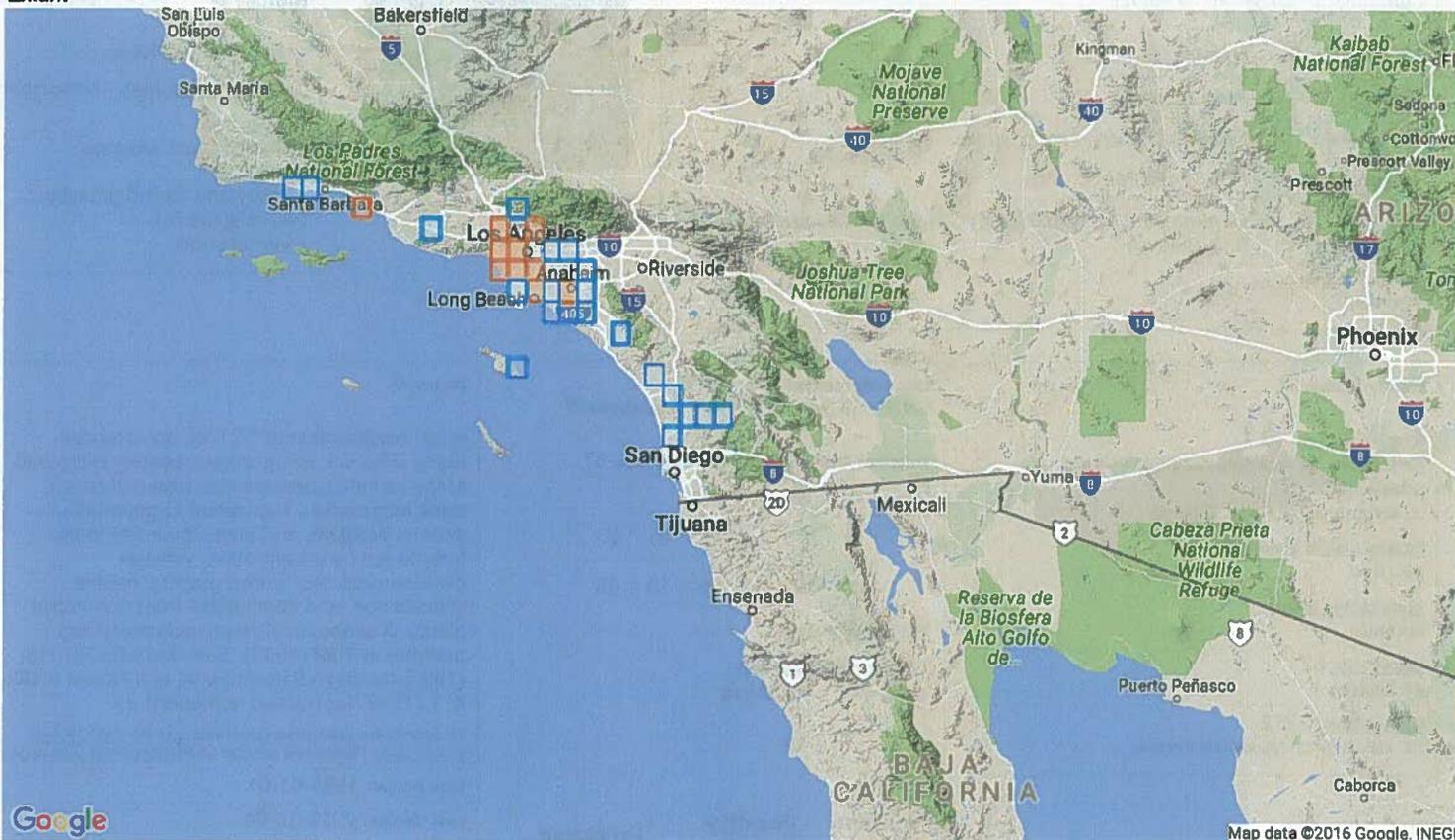
Presumed Extirpated or Unknown

144

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Counties

Quads



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CA,BA

*Chorizanthe parryi* var. *fernandina*

**Common Name:** San Fernando Valley spineflower  
**Family:** Polygonaceae  
**Synonyms:**  
**Element Code:** PDPGN040J1  
**Full Name:** *Chorizanthe parryi* Wats. var. *fernandina* (Wats.) Jeps.  
**USDA PLANTS Symbol:** CHPAF



2001 Kevin Merk

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** April - July  
**Habitat:**  
 • Coastal scrub (sandy)  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California  
**Federal Listing Status:** FC  
 Species of Concern  
**State Listing Status:** CE  
 Endangered (08/01)  
**State Rank:** S1  
 S1: Critically imperiled.  
**Global Rank:** G2T1  
 T1: Critically Imperiled. G2: (species) Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 21

**Element Occurrence Ranks:**

A	B	C	D	X	U
1	2	9	0	9	0

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
9	12

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
12	9	0

**Notes**

Rediscovered in 1999; now known from only three occurrences. Most historical habitat is now heavily urbanized. Seriously threatened by development and non-native plants. See *Botany of California* 2:481 (1880) for original description, *Phytologia* 66(2):147-149 (1989) for taxonomic treatment, and *Madrono* 48(2):78 (2001) for rediscovery.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2016-04-06

**Location**

**Elevation:** 150 - 1220 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** name (code)

Los Angeles (LAX), Orange (ORA) \*, Ventura (VEN)

**Quads:** name (DWR code) USGS code

Black Star Canyon (087C) 33117G6, Orange (088D)\* 33117G7, Venice (090B)\* 33118H4, Mt. Wilson (110A)\* 34118B1, Burbank (111A)\* 34118B3, Van Nuys (111B)\* 34118B4, Calabasas (112B) 34118B6, Acton (136B) 34118D2, San Fernando (137C)\* 34118C4, Sunland (137D)\* 34118C3, Newhall (138A) 34118D5, Val Verde (138B) 34118D6, Oat Mountain (138D)\* 34118C5, Lake Hughes (162B)\* 34118F4

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* Presumed extirpated
- ? Uncertain about distribution or identity
- ?\* Uncertain about distribution, but presumed extirpated if once present
- (?) Occurrence confirmed, but possibly extirpated

Species may be present in other areas where conditions are favorable.



Presumed Extant

Presumed Extirpated or Unknown

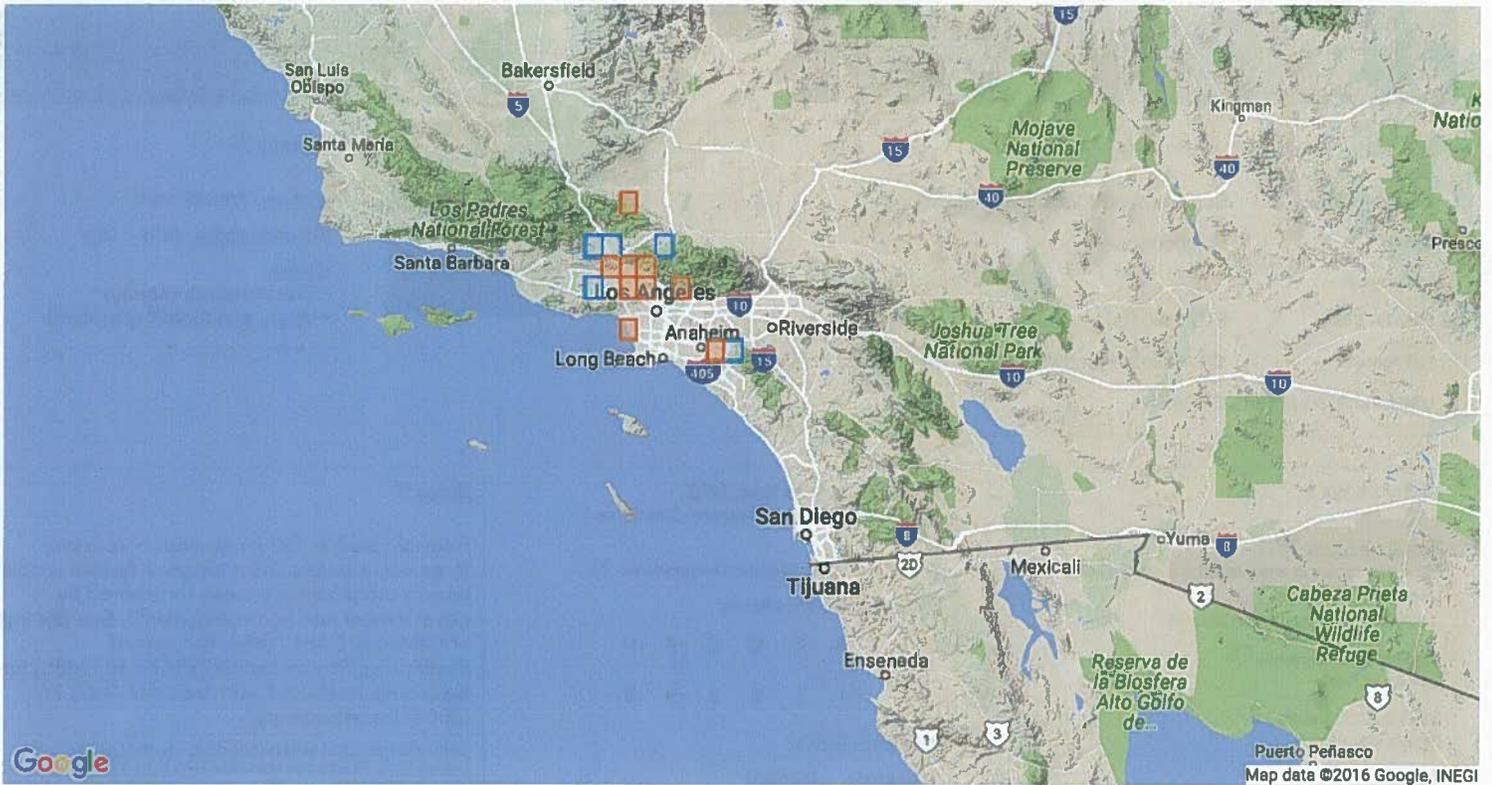
472

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**Suggested Citation**

CNPS, Rare Plant Program. 2016. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 05 August 2016].

-117.625,33.75

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 CA

*Chorizanthe parryi* var. *parryi*

**Common Name:** Parry's spineflower  
**Family:** Polygonaceae  
**Synonyms:**  
**Element Code:** PDPGN040J2  
**Full Name:** *Chorizanthe parryi* S. Watson var. *parryi*  
**USDA PLANTS Symbol:** CHPAP2



2009 Robert Steers

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** April - June  
**Habitat:** sandy or rocky, openings.  
 • Chaparral  
 • Cismontane woodland  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California

**Federal Listing Status:**

Not Listed

**State Listing Status:**

Not Listed

**State Rank:** S3

S3: Vulnerable.

**Global Rank:** G3T3

T3: Vulnerable. G3: (species) Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 127

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
8	11	5	3	12	88

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
55	72

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
115	6	6

**Notes**

Threatened by altered flood regime, development, mining, non-native plants, and vehicles. See Proceedings of the American Academy of Arts and Sciences 12:271 (1877) for original description, and Phytologia 66(2):147-149 (1989) for taxonomic treatment.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data page](#).

**Date Added:** 1994-01-01

**Last Update:** 2010-03-15

**Location**

**Elevation:** 275 - 1220 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD)

**Quads:** *name (DWR code) USGS code*

Vail Lake (049B) 33116D8, Blackburn Canyon (067A) 33116F7, Hemet (067B) 33116F8, Sage (067C) 33116E8, Winchester (068A) 33117F1, Romoland (068B) 33117F2, Murrieta (068C) 33117E2, Bachelor Mtn. (068D) 33117E1, Lake Elsinore (069A) 33117F3, Alberhill (069B) 33117F4, Wildomar (069D) 33117E3, White Water (083B) 33116H6, Palm Springs (083D) 33116G5, Cabazon (084A) 33116H7, Beaumont (084B) 33116H8, San Jacinto (084C) 33116G8, Lake Fulmor (084D) 33116G7, El Casco (085A) 33117H1, Sunnymead (085B) 33117H2, Lakeview (085D) 33117G1, Riverside East (086A) 33117H3, Lake Mathews (086C) 33117G4, Steele Peak (086D) 33117G3, Forest Falls (105C) 34116A8, Harrison Mtn. (106B) 34117B2, Redlands (106C) 34117A2, Yucaipa (106D) 34117A1, San Bernardino North (107A) 34117B3, Devore (107B) 34117B4, Fontana (107C) 34117A4, San Bernardino South (107D) 34117A3, Cucamonga Peak (108A) 34117B5, Mt. Baldy (108B) 34117B6, Ontario (108C) 34117A6, Guasti (108D) 34117A5, Glendora (109A) 34117B7, Azusa (109B) 34117B8, Mt. Wilson (110A) 34118B1, Pasadena (110B) 34118B2, Point Dume (113D) 34118A7, Lancaster West (161B) 34118F2, Green Valley (162C) 34118E4

**Notes:**

Species may be present in other areas where conditions are favorable.



Presumed Extant

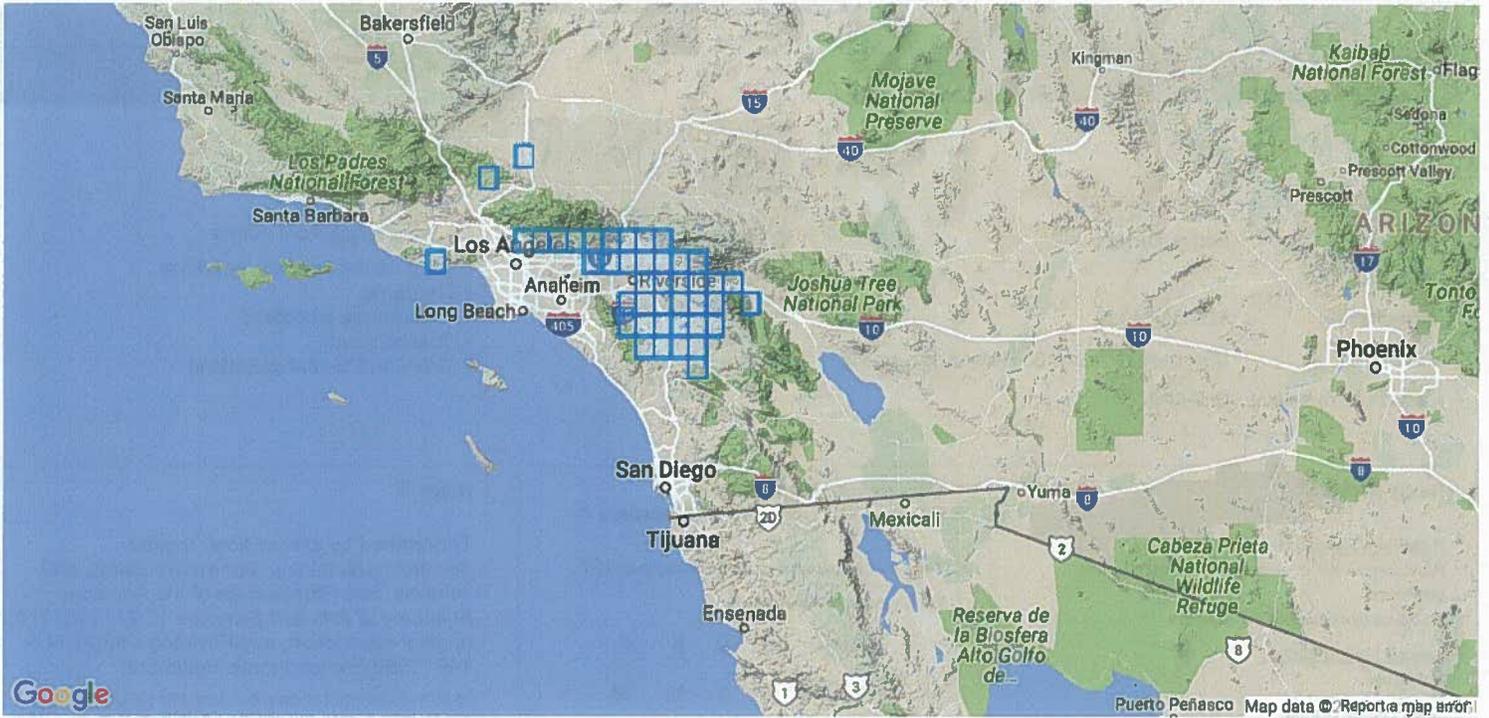
1624

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-116.625,33.875

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CA

*Delphinium parryi* ssp. *blochmaniae*

**Common Name:** dune larkspur  
**Family:** Ranunculaceae  
**Synonyms:**  
**Element Code:** PDRAN0B1B1  
**Full Name:** *Delphinium parryi* Gray ssp. *blochmaniae* (Greene) Lewis & Epl.  
**USDA PLANTS Symbol:** DEPAB



Rick York and CNPS

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** April - June  
**Habitat:**  
 • Chaparral (maritime)  
 • Coastal dunes

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
 .2: Fairly endangered in California  
**Federal Listing Status:**  
 Not Listed  
**State Listing Status:**  
 Not Listed  
**State Rank:** S2  
 S2: Imperiled.  
**Global Rank:** G4T2  
 T2: Imperiled. G4: (species) Apparently secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 16

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
0	3	4	1	0	8

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
12	4

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
16	0	0

**Notes**

Field work needed. Threatened by development.  
 To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the [CNPS Rare Plant Data page](#).  
**Date Added:** 1988-01-01  
**Last Update:** 2010-03-15

**Location**

**Elevation:** 0 - 200 meters  
**California Endemic:** yes  
**States:** California  
**California Counties and Islands:** *name (code)*  
 Santa Barbara (SBA), San Luis Obispo (SLO), Ventura (VEN)  
**Quads:** *name (DWR code) USGS code*  
 Thousand Oaks (113A) 34118B7, Camarillo (114A) 34119B1, Los Alamos (170A) 34120F3, Lompoc (170B) 34120F4, Surf (171A) 34120F5, Santa Maria (195B) 34120H4, Orcutt (195C) 34120G4, Point Sal (196B) 34120H6, Casmalia (196D) 34120G5, Arroyo Grande NE (221A) 35120B5, Oceano (221D) 35120A5, Santa Margarita (246A) 35120D5, Lopez Mtn. (246D) 35120C5, Pebblestone Shut-in (271A) 35121F1  
**Notes:**  
 Species may be present in other areas where conditions are favorable.



Presumed Extant

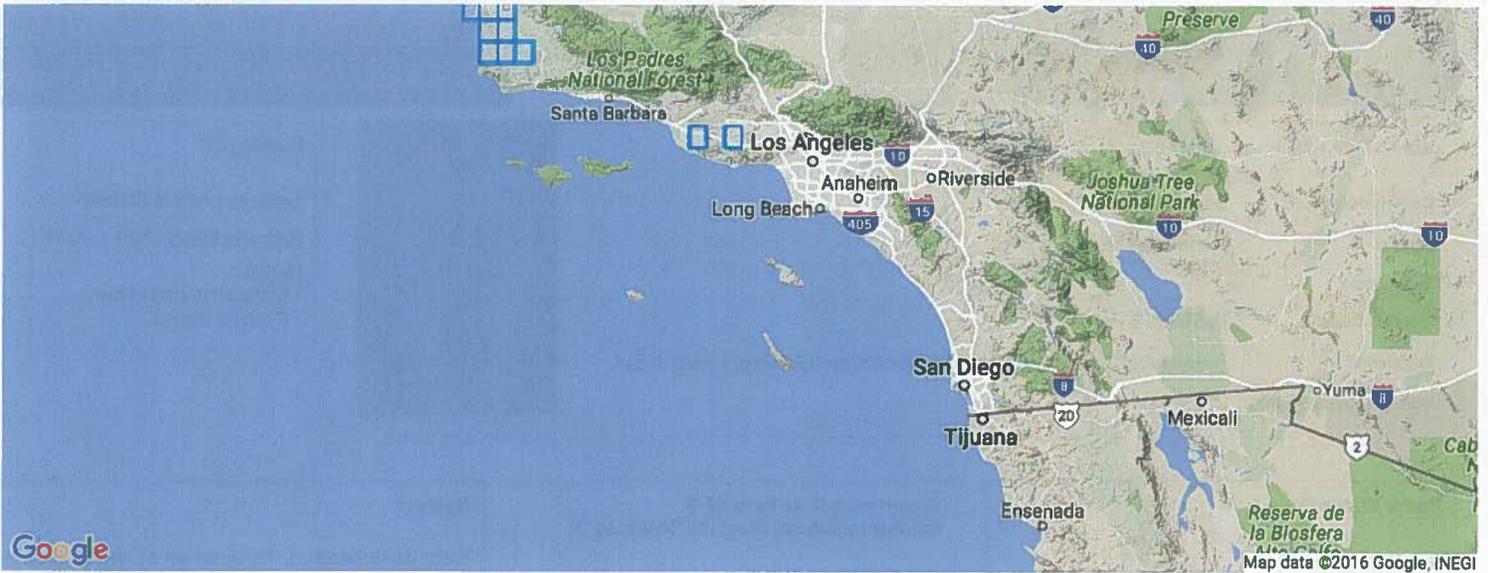
220

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-118.75,34.125

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CA

*Dodecahema leptoceras*

**Common Name:** slender-horned spineflower  
**Family:** Polygonaceae  
**Synonyms:** *Centrostegia leptoceras*, *Chorizanthe leptoceras*  
**Element Code:** PDPGN0V010  
**Full Name:** *Dodecahema leptoceras* (Gray) Rev. & Hardham  
**USDA PLANTS Symbol:** DOLE



2012 Anuja Parikh and Nathan Gale

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** April - June  
**Habitat:** sandy.  
 • Chaparral  
 • Cismontane woodland  
 • Coastal scrub (alluvial fan)

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California  
**Federal Listing Status:** FE  
 Endangered (09/28/87)  
**State Listing Status:** CE  
 Endangered (01/82)  
**State Rank:** S1  
 S1: Critically imperiled.  
**Global Rank:** G1  
 G1: Critically imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 38

**Element Occurrence Ranks:**

A	B	C	D	X	U
1	10	3	0	14	10

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
28	10

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
24	6	8

**Notes**

Many historical occurrences lost to urbanization and stream channelization; currently threatened by alteration of fire regimes, development, sand and gravel mining, flood control, foot traffic, proposed reservoir construction, recreational activities, vehicles, and non-native plants. See *Proceedings of the American Academy of Arts and Sciences* 12:269 (1877) for original description, *Great Basin Naturalist Memoirs* 2:169-190 (1978) for taxonomic treatment, *Phytologia* 66(2):83-88 (1989) for revised nomenclature, and *Madroño* 44(3):305 (1997) for discussion of Vail Lake occurrence.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 1980-01-01

**Last Update:** 2010-03-15

**Location**

**Elevation:** 200 - 760 meters

**California Endemic:** YES

**States:** California

**California Counties and Islands:** name (code)

Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD)

**Quads:** name (DWR code) USGS code

Vail Lake (049B) 33116D8, Pechanga (050A) 33117D1, Blackburn Canyon (067A) 33116F7, Hemet (067B)\* 33116F8, Lake Elsinore (069A)\* 33117F3, Alberhill (069B) 33117F4, El Toro (070B) 33117F6, White Water (083B) 33116H6, San Jacinto (084C)\* 33116G8, Catclaw Flat (104C) 34116A6, Redlands (106C) 34117A2, Yucaipa (106D)\* 34117A1, San Bernardino North (107A)\* 34117B3, Devore (107B) 34117B4, San Bernardino South (107D)\* 34117A3, Ontario (108C) 34117A6, Azusa (109B) 34117B8, Mt. Wilson (110A)\* 34118B1, Pasadena (110B) 34118B2, Burbank (111A) 34118B3, Cajon (133C)\* 34117C4, Agua Dulce (137A) 34118D3, Mint Canyon (137B)\* 34118D4, San Fernando (137C)\* 34118C4, Sunland (137D) 34118C3, Newhall (138A) 34118D5

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* Presumed extirpated
- ? Uncertain about distribution or identity
- ?\* Uncertain about distribution, but presumed extirpated if once present
- (?) Occurrence confirmed, but possibly extirpated

Species may be present in other areas where conditions are favorable.



 Presumed Extant

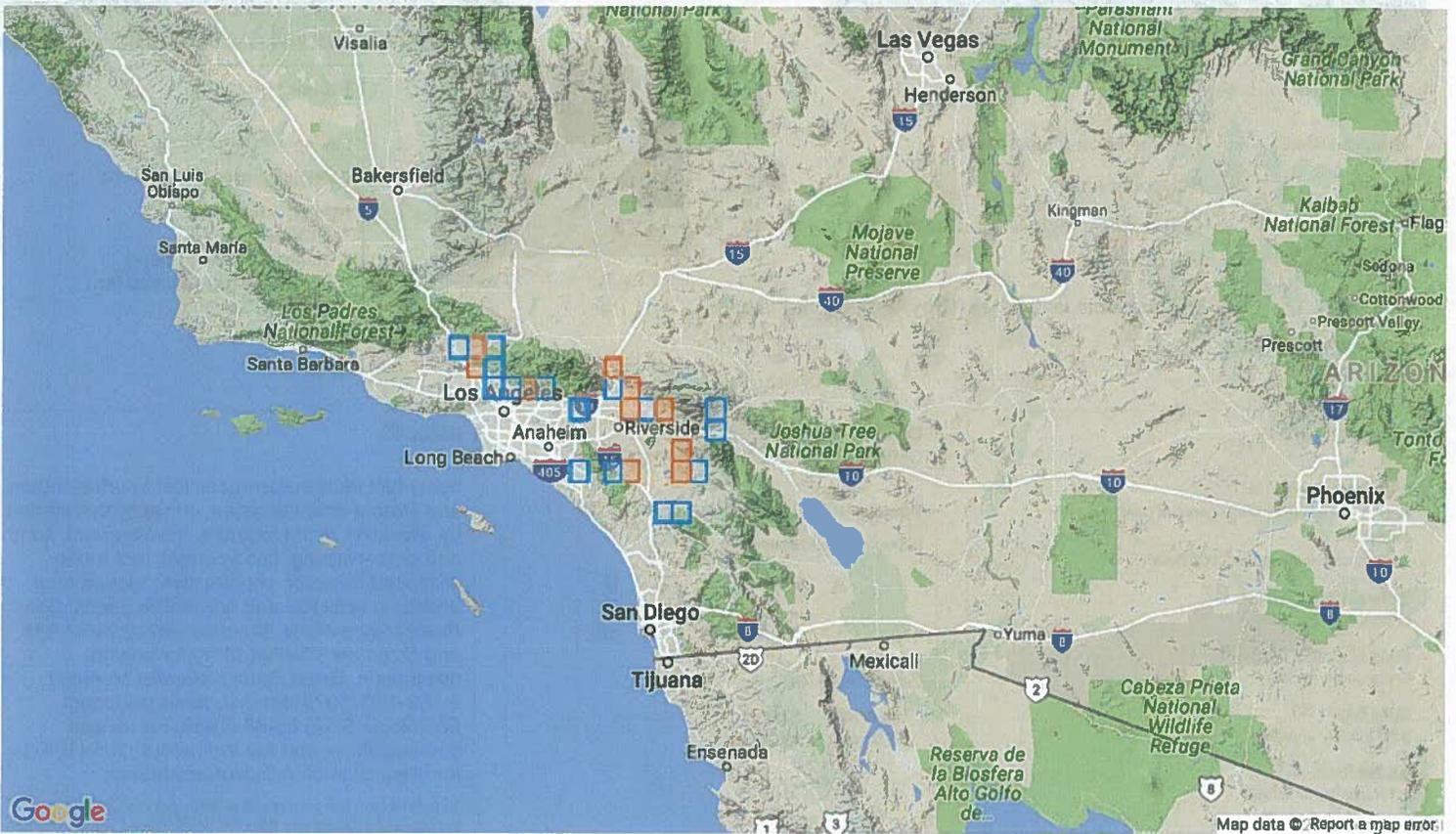
 Presumed Extirpated or Unknown

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CA

*Dudleya parva*

**Common Name:** Conejo dudleya

**Family:** Crassulaceae

**Synonyms:** *Dudleya abramsii* ssp. *parva*

**Element Code:** PDCRA04016

**Full Name:** *Dudleya parva* Rose & Davids.

**USDA PLANTS Symbol:** DUABP



2005 Noah Elhardt

**Biology**

**Lifeform:** perennial herb

**Blooming Period:** May - June

**Habitat:** rocky or gravelly, clay or volcanic.  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.2

Rare, threatened, or endangered in California and elsewhere

**2:** Fairly endangered in California

**Federal Listing Status:** FT

Threatened (01/29/87)

**State Listing Status:**

Not Listed

**State Rank:** S1

S1: Critically Imperiled.

**Global Rank:** G1

G1: Critically Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 13

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
2	5	4	0	0	2

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
3	10

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
13	0	0

**Notes**

Known only from the western end of Simi Hills to Conejo Grade. Threatened by horticultural collecting, recreation, vehicles, and urbanization. Potentially threatened by development. Federally-listed as *D. abramsii* ssp. *parva*; see this name in *The Jepson Manual* (1993). See *Bulletin of the Southern California Academy of Sciences* 22:5 (1923) for original description, and *Madroño* 30(3):191 (1983) for distributional information.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2015-01-07

**Location**

**Elevation:** 60 - 450 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** name (code)  
 Ventura (VEN)

**Quads:** name (DWR code) USGS code

Thousand Oaks (113A) 34118B7, Newbury Park (113B) 34118B8, Simi (139D) 34118C7

**Notes:**

Species may be present in other areas where conditions are favorable.



Presumed Extant

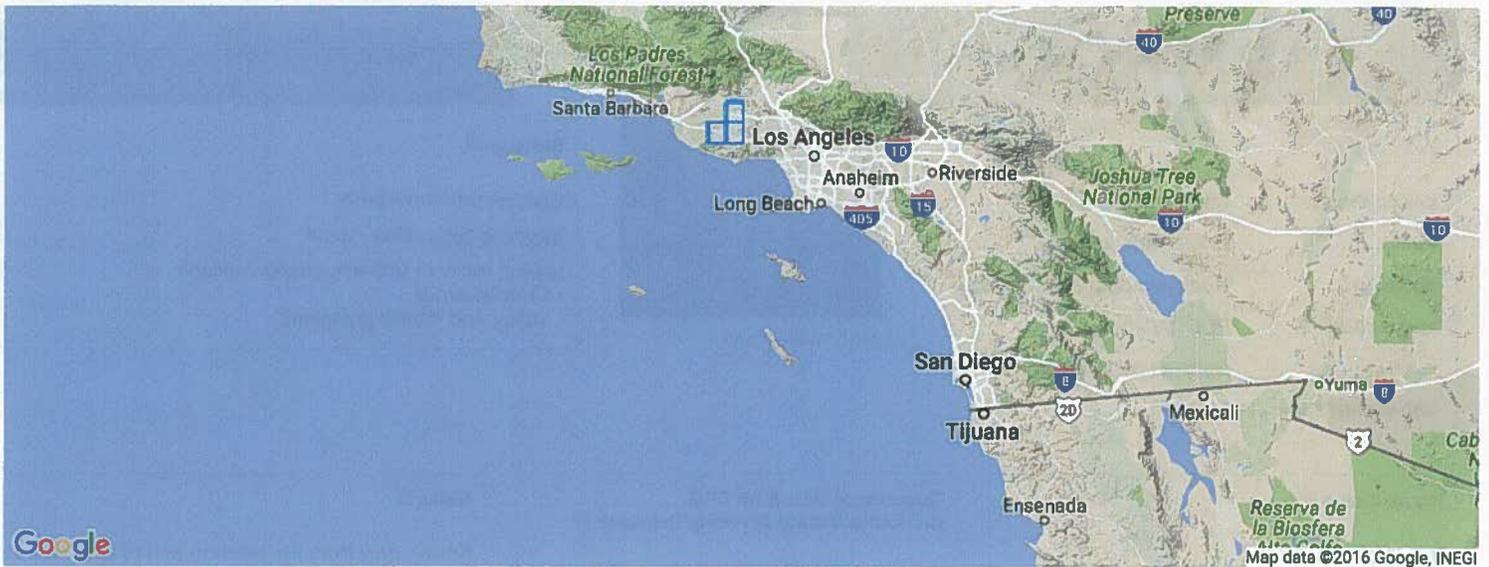
401

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CA

*Dudleya blochmaniae* ssp. *blochmaniae*

**Common Name:** Blochman's dudleya

**Family:** Crassulaceae

**Synonyms:**

**Element Code:** PDCRA04051

**Full Name:** *Dudleya blochmaniae* (Eastw.) Moran ssp. *blochmaniae*

**USDA PLANTS Symbol:** DUBLB



2009 Lee Ripma

**Biology**

**Lifeform:** perennial herb

**Blooming Period:** April - June

**Habitat:** rocky, often clay or serpentinite.

- Coastal bluff scrub
- Chaparral
- Coastal scrub
- Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.1

Rare, threatened, or endangered in California and elsewhere

.1: Seriously endangered in California

**Federal Listing Status:**

Not Listed

**State Listing Status:**

Not Listed

**State Rank:** S2

S2: Imperiled.

**Global Rank:** G3T2

T2: Imperiled. G3: (species) Vulnerable.

**Occurrence Data from DFG**

California Natural Diversity Database

**Total # of Known Element Occurrences:** 79

**Element Occurrences Ranks:**

A	B	C	D	X	U
3	15	7	0	6	48

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
25	54

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
73	3	3

**Notes**

Threatened by grazing, trampling, development, erosion, and non-native plants. Northern and southern populations genetically distinct.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2012-07-31

**Location**

**Elevation:** 5 - 450 meters

**California Endemic:** no

**States:** California, Baja California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Orange (ORA), Santa Barbara (SBA), San Diego (SDG), San Luis Obispo (SLO), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Imperial Beach (011D) 32117E1, La Jolla (022C) 32117G2, San Luis Rey (036A) 33117B3, Oceanside (036B) 33117B4, Las Pulgas Canyon (051C) 33117C4, San Clemente (052A) 33117D5, Dana Point (052B) 33117D6, Calabasas (112B) 34118B6, Malibu Beach (112C) 34118A6, Newbury Park (113B) 34118B8, Triunfo Pass (113C) 34118A8, Point Dume (113D) 34118A7, Camarillo (114A) 34119B1, Surf (171A) 34120F5, Guadalupe (196A) 34120H5, Point Sal (196B) 34120H6, Casmalia (196D) 34120G5, Pismo Beach (221B) 35120B6, San Luis Obispo (246C) 35120C6, Morro Bay North (247A) 35120D7, Cayucos (247B) 35120D8, Morro Bay South (247D) 35120C7, San Simeon (271B) 35121F2, Cambria (271D) 35121E1

**Notes:**

Species may be present in other areas where conditions are favorable.



Presumed Extant

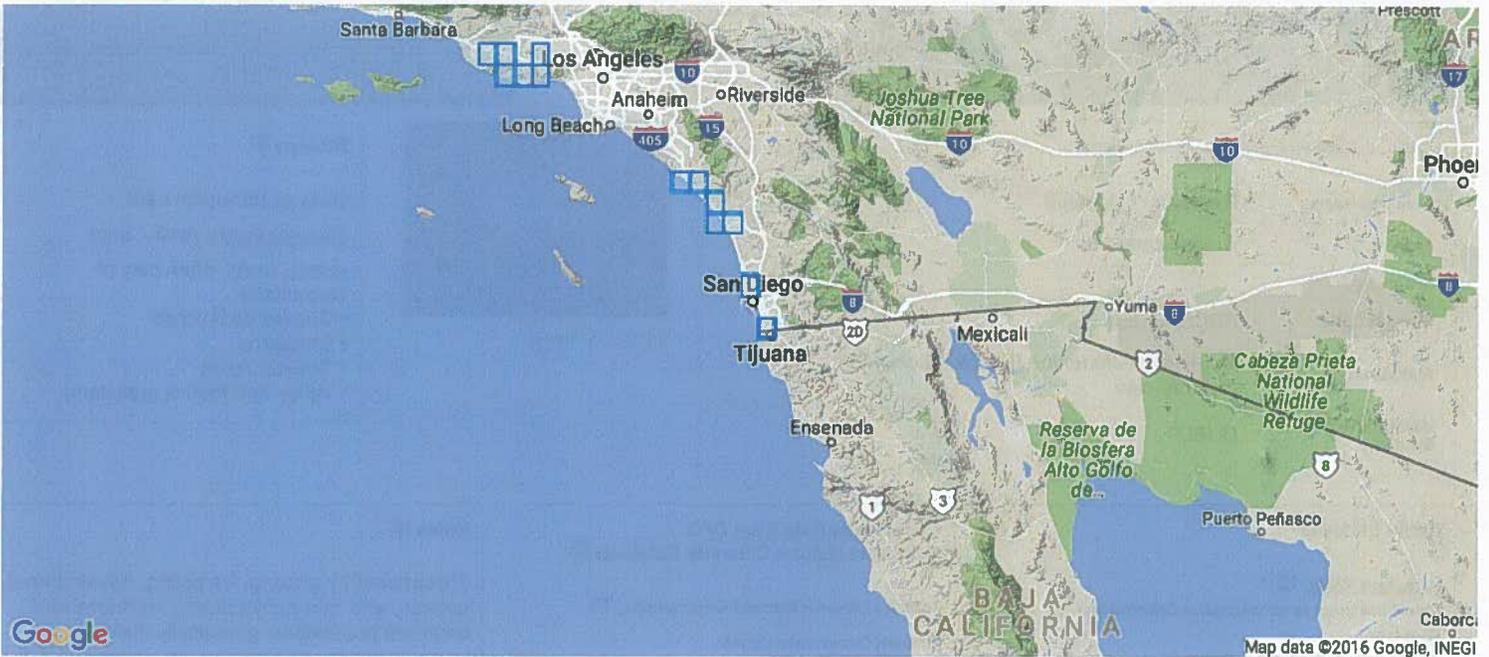
578

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Quads





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CA,BA

*Dudleya cymosa* ssp. *agourensis*

<b>Common Name:</b>	Agoura Hills dudleya
<b>Family:</b>	Crassulaceae
<b>Synonyms:</b>	
<b>Element Code:</b>	PDCRA040A7
<b>Full Name:</b>	<i>Dudleya cymosa</i> (Lemaire) Britton & Rose ssp. <i>agourensis</i> K. Nakai
<b>USDA PLANTS Symbol:</b>	DUCYA



2013 Adam Searcy

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** May - June  
**Habitat:** rocky, volcanic.  
 • Chaparral  
 • Cismontane woodland

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
**2:** Fairly endangered in California

**Federal Listing Status:** FT  
 Threatened (01/29/97)

**State Listing Status:**  
 Not Listed

**State Rank:** S1  
 S1: Critically Imperiled.

**Global Rank:** G5T1  
 T1: Critically Imperiled. G5: (species) Secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 8

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
2	0	0	0	0	6

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
6	2

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
8	0	0

**Notes**

Known only from the western Santa Monica Mtns. Threatened by development. Possibly threatened by foot traffic. A synonym of *D. cymosa* ssp. *ovatifolia* in *The Jepson Manual*; USFWS also uses this name. See *Madroño* 34(4):339 (1987) for original description.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1980-01-01  
**Last Update:** 2011-10-06

**Location**

**Elevation:** 200 - 500 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** *name (code)*  
 Los Angeles (LAX), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*  
 Calabasas (112B) 34118B6, Thousand Oaks (113A) 34118B7, Point Dume (113D) 34118A7

**Notes:**  
 Species may be present in other areas where conditions are favorable.



Presumed Extant

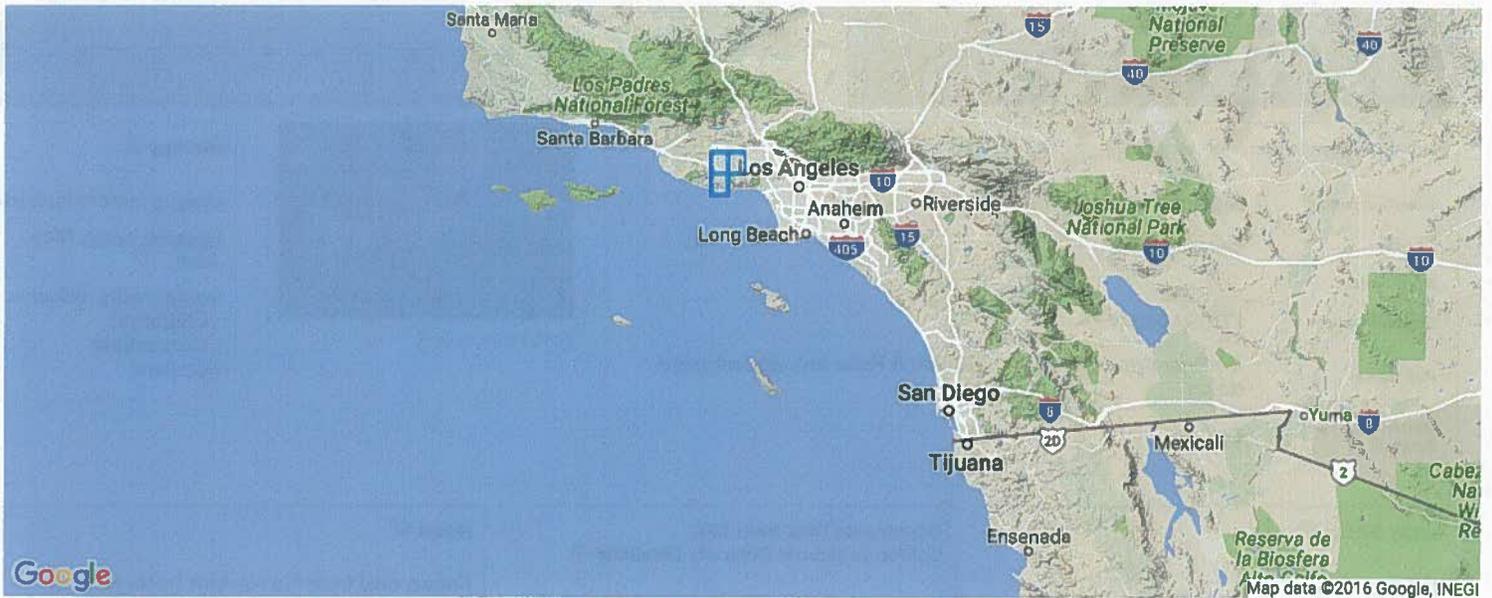
1898

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Counties

Quads





**Links to Leading Resources of Taxon Information**

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-118.625,34.125

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CA

*Dudleya cymosa* ssp. *marcescens*

**Common Name:** marcescent dudleya  
**Family:** Crassulaceae  
**Synonyms:**  
**Element Code:** PDCRA040A3  
**Full Name:** *Dudleya cymosa* (Lem.) Britt. & Rose ssp. *marcescens* Moran  
**USDA PLANTS Symbol:** DUCYM

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** April - July  
**Habitat:** volcanic, rocky.  
 • Chaparral

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
**2:** Fairly endangered in California  
**Federal Listing Status:** FT  
 Threatened (01/29/97)  
**State Listing Status:** CR  
 Rare (11/78)  
**State Rank:** S2  
 S2: Imperiled.  
**Global Rank:** G5T2  
 T2: Imperiled. G5: (species) Secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 14  
**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
1	7	1	0	0	5

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
2	12

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
14	0	0

**Notes**

Known from fewer than 10 occurrences in the Santa Monica Mtns. Threatened by development and foot traffic. See *Madroño* 14(3):106 (1957) for original description.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2010-03-15

**Location**

**Elevation:** 150 - 520 meters  
**California Endemic:** yss  
**States:** California  
**California Counties and Islands:** *name (code)*  
 Los Angeles (LAX), Ventura (VEN)  
**Quads:** *name (DWR code) USGS code*  
 Malibu Beach (112C) 34118A6, Newbury Park (113B) 34118B8, Triunfo Pass (113C) 34118A8, Point Dume (113D) 34118A7

**Notes:**  
 Species may be present in other areas where conditions are favorable.



Presumed Extant

395

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Counties

Quads





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-118.625,34.0

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CA

*Dudleya cymosa* ssp. *ovatifolia*

**Common Name:** Santa Monica dudleya

**Family:** Crassulaceae

**Synonyms:**

**Element Code:** PDCRA040A5

**Full Name:** *Dudleya cymosa* (Lem.) Britt. & Rose ssp. *ovatifolia* (Britt.) Moran

**USDA PLANTS Symbol:** DUCYO

**Biology**

**Lifeform:** perennial herb

**Blooming Period:** March - June

**Habitat:** volcanic or sedimentary, rocky.

- Chaparral
- Coastal scrub

**Rarity Status**

**Rare Plant Rank:** 1B.1  
Rare, threatened, or endangered in California and elsewhere  
.1: Seriously endangered in California

**Federal Listing Status:** FT  
Threatened (01/29/97)

**State Listing Status:**  
Not Listed

**State Rank:** S1  
S1: Critically imperiled.

**Global Rank:** G5T1  
T1: Critically Imperiled. G5: (species) Secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 3

**Element Occurrence Ranks:**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
0	1	0	0	0	2

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
1	2

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
3	0	0

**Notes**

Known from fewer than ten occurrences. Threatened by development and recreational activities. Does not include *D. cymosa* ssp. *agourensis*.

To submit rare plant observation data, use the [CNDRB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2014-04-30

**Location**

**Elevation:** 150 - 1675 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** *name (code)*  
Los Angeles (LAX), Orange (ORA)

**Quads:** *name (DWR code) USGS code*  
Santiago Peak (070A) 33117F5, Malibu Beach (112C) 34118A6, Topanga (112D) 34118A5, Triunfo Pass (113C) 34118A8

**Notes:**  
Species may be present in other areas where conditions are favorable.



Presumed Extant

396

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Counties

Quads





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-117.5,33.625

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CA

*Dudleya multicaulis*

**Common Name:** many-stemmed dudleya  
**Family:** Crassulaceae  
**Synonyms:**  
**Element Code:** PDCRA040H0  
**Full Name:** *Dudleya multicaulis* (Rose) Moran  
**USDA PLANTS Symbol:** DUMU



2001 Jeffrey Crain

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** April - July  
**Habitat:** often clay.  
 • Chaparral  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
 .2: Fairly endangered in California

**Federal Listing Status:**  
 Not Listed

**State Listing Status:**  
 Not Listed

**State Rank:** S2  
 S2: Imperiled.

**Global Rank:** G2  
 G2: Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 147

**Element Occurrence Ranks:**

A	B	C	D	X	U
8	20	3	4	12	100

**Population Status:**

Historic >20 yrs	Recent ≤20 yrs
86	61

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
135	5	7

**Notes**

Occurrence on 49B needs verification; exact location and identification uncertain. Seriously threatened by development, road construction and maintenance, fire suppression, non-native plants, mining, grazing, and recreation. Possibly threatened by military activities See *Bulletin of the New York Botanical Garden* 3:38 (1903) for original description, and *Madroño* 45(3):215-220 (1998) and 57(1):42-53 (2010) for population ecology information.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the [CNPS Rare Plant Data page](#).

**Date Added:** 1974-01-01

**Last Update:** 2010-11-15

**Location**

**Elevation:** 15 - 790 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** name (code)

Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)

**Quads:** name (DWR code) USGS code

Vail Lake (049B)? 33116D8, Fallbrook (051A) 33117D3, Margarita Peak (051B) 33117D4, Las Pulgas Canyon (051C) 33117C4, Morro Hill (051D) 33117C3, San Clemente (052A) 33117D5, Dana Point (052B) 33117D6, San Onofre Bluff (052D) 33117C5, Lake Elsinore (069A) 33117F3, Alberhill (069B) 33117F4, Sitton Peak (069C) 33117E4, El Toro (070B) 33117F6, San Juan Capistrano (070C) 33117E6, Canada Gobernadora (070D) 33117E5, Tustin (071A) 33117F7, Newport Beach (071B)\* 33117F8, Laguna Beach (071D) 33117E7, Lake Mathews (086C) 33117G4, Corona North (087A) 33117H5, Prado Dam (087B)\* 33117H6, Black Star Canyon (087C) 33117G6, Corona South (087D) 33117G5, La Habra (088B)\* 33117H8, Orange (088D) 33117G7, Whittier (089A) 33118H1, Venice (090B)\* 33118H4, Mt. Baldy (108B) 34117B6, Glendora (109A) 34117B7, Azusa (109B) 34117B8, Baldwin Park (109C) 34117A8, San Dimas (109D) 34117A7, El Monte (110D) 34118A1, Hollywood (111D) 34118A3, Calabasas (112B) 34118B6, Topanga (112D) 34118A5

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* Presumed extirpated
- ? Uncertain about distribution or identity
- ?\* Uncertain about distribution, but presumed extirpated if once present
- (?) Occurrence confirmed, but possibly extirpated



Species may be present in other areas where conditions are favorable.

Presumed Extant

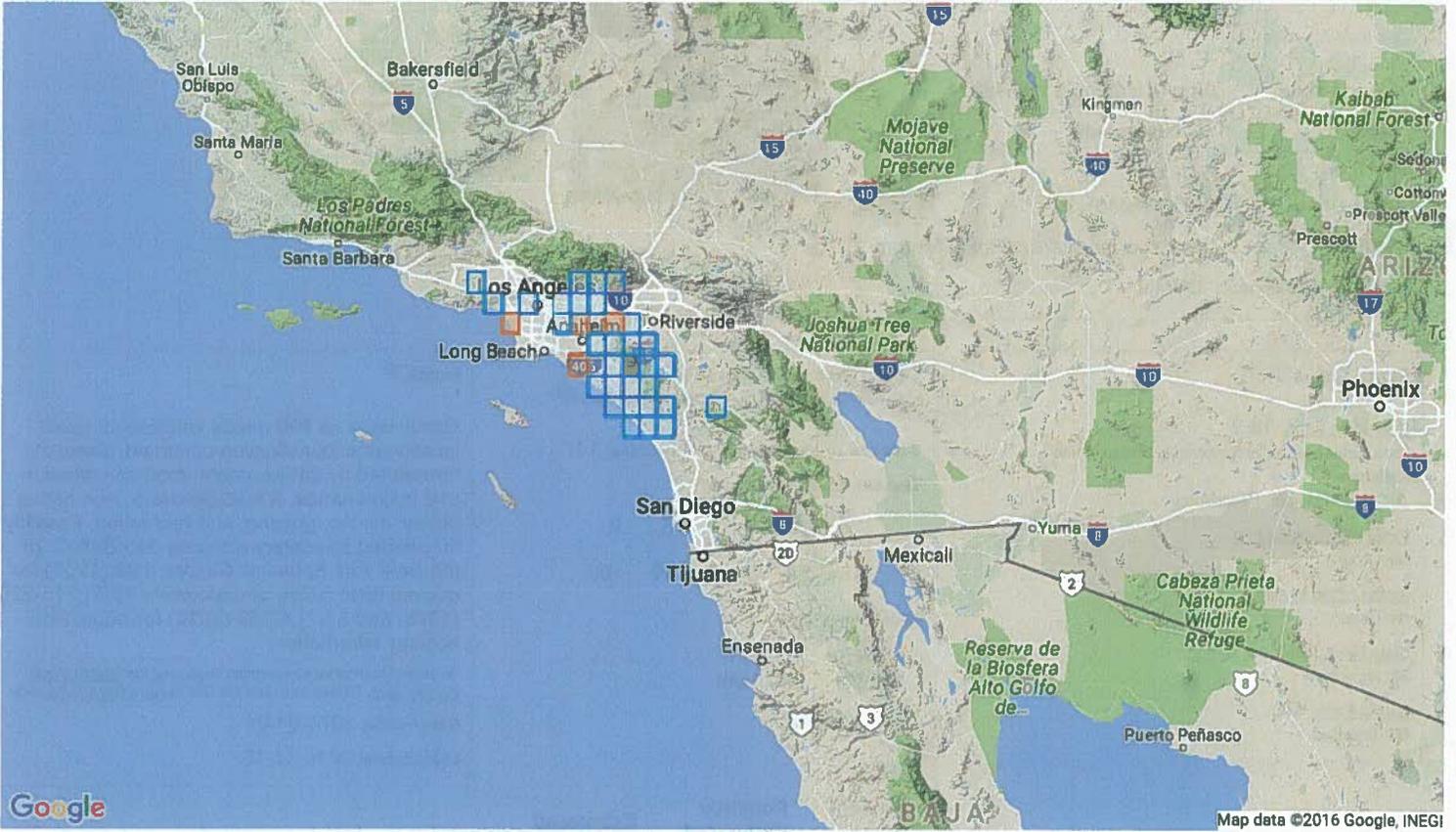
Presumed Extirpated or Unknown

399

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Counties

Quads



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-116.875,33.375

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CA

*Eriogonum crocatum*

**Common Name:** conejo buckwheat  
**Family:** Polygonaceae  
**Synonyms:**  
**Element Code:** PDPGN081G0  
**Full Name:** *Eriogonum crocatum* A. Davids.  
**USDA PLANTS Symbol:** ERCR3



2005 Noah Elhardt

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** April - July  
**Habitat:** Conejo volcanic outcrops, rocky.  
 • Chaparral  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
**.2:** Fairly endangered in California  
**Federal Listing Status:**  
 Not Listed  
**State Listing Status:** CR  
 Rare (09/79)  
**State Rank:** S1  
 S1: Critically Imperiled.  
**Global Rank:** G1  
 G1: Critically Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 13

**Element Occurrence Ranks:**

A	B	C	D	X	U
1	7	1	0	0	4

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
6	7

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
13	0	0

**Notes**

Known from fewer than twenty occurrences. Potentially threatened by development. See *Bulletin of the Southern California Academy of Sciences* 23:17 (1924) for original description, and *Phytologia* 66(4):338-339 (1989) for taxonomic treatment.  
 To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.  
**Date Added:** 1974-01-01  
**Last Update:** 2010-10-19

**Location**

**Elevation:** 50 - 580 meters  
**California Endemic:** yes  
**States:** California  
**California Counties and Islands:** name (code)  
 Ventura (VEN)  
**Quads:** name (DWR code) USGS code  
 Thousand Oaks (113A) 34118B7, Newbury Park (113B) 34118B8, Triunfo Pass (113C) 34118A8, Camarillo (114A) 34119B1  
**Notes:**  
 Species may be present in other areas where conditions are favorable.



Presumed Extant

736

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Counties

Quads





*Harpagonella palmeri*

**Common Name:** Palmer's grapplinghook

**Family:** Boraginaceae

**Synonyms:** *Pectocarya palmeri*

**Element Code:** PDBOR0H010

**Full Name:** *Harpagonella palmeri* Gray

**USDA PLANTS Symbol:** HAPA7



2009 Christopher L. Christie

**Biology**

**Lifeform:** annual herb

**Blooming Period:** March - May

**Habitat:** Clay; open grassy areas within shrubland.

- Chaparral
- Coastal scrub
- Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 4.2  
Uncommon in California  
.2: Fairly endangered in California

**Federal Listing Status:**  
Not Listed

**State Listing Status:**  
Not Listed

**State Rank:** S3  
S3: Vulnerable.

**Global Rank:** G4  
G4: Apparently secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 57

**Element Occurrence Ranks:**

A	B	C	D	X	U
5	11	5	1	5	30

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
55	2

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
52	5	0

**Notes**

Inconspicuous and easily overlooked. Threatened by development, trampling, non-native plants, and agriculture.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1980-01-01

**Last Update:** 2015-01-07

**Location**

**Elevation:** 20 - 955 meters

**California Endemic:** NO

**States:** California, Arizona, Baja California, Sonora

**California Counties and Islands:** *name (code)*  
Los Angeles (LAX), Orange (ORA), Riverside (RIV), Santa Catalina Island (SCT), San Diego (SDG)

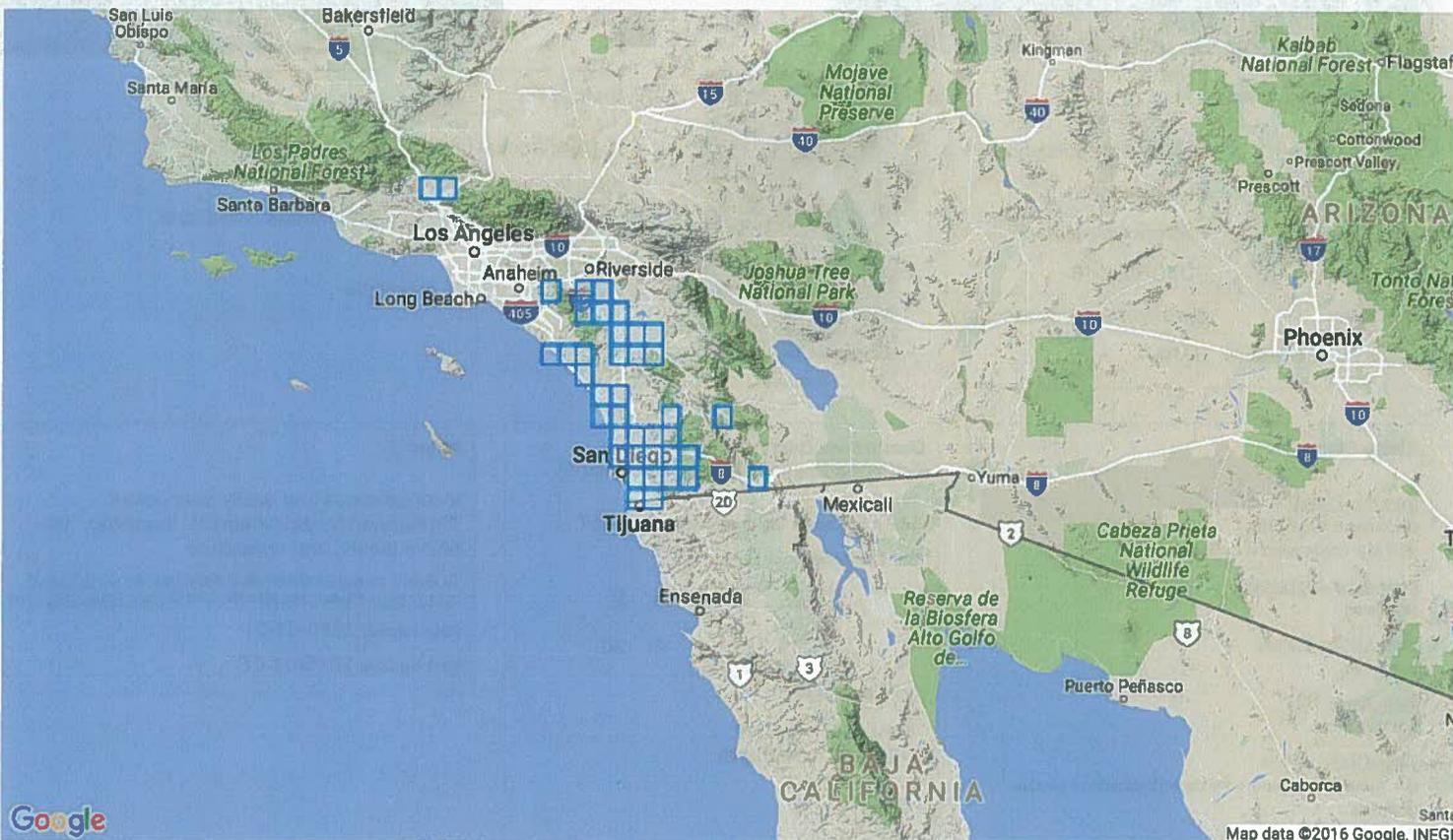
**Quads:** *name (DWR code) USGS code*  
Jacumba (007B) 32116F2, Barrett Lake (009B) 32116F6, Dulzura (010A) 32116F7, Jamul Mountains (010B) 32116F8, Otay Mesa (010C) 32116E8, National City (011A) 32117F1, Imperial Beach (011D) 32117E1, Viejas Mountain (020C) 32116G6, El Cajon Mtn. (021A) 32116H7, San Vicente Reservoir (021B) 32116H8, El Cajon (021C) 32116G8, Alpine (021D) 32116G7, Poway (022A) 32117H1, Del Mar (022B) 32117H2, La Jolla (022C) 32117G2, La Mesa (022D) 32117G1, Earthquake Valley (032C) 33116A4, Ramona (034D) 33116A7, San Marcos (035B) 33117B2, Rancho Santa Fe (035C) 33117A2, San Luis Rey (036A) 33117B3, Encinitas (036D) 33117A3, Vail Lake (049B) 33116D8, Pechanga (050A) 33117D1, Temecula (050B) 33117D2, Margarita Peak (051B) 33117D4, Las Pulgas Canyon (051C) 33117C4, San Clemente (052A) 33117D5, Dana Point (052B) 33117D6, Sage (067C) 33116E8, Romoland (068B) 33117F2, Murrieta (068C) 33117E2, Bachelor Mtn. (068D) 33117E1, Lake Elsinore (069A) 33117F3, Alberhill (069B) 33117F4, Lake Mathews (086C) 33117G4, Steele Peak (086D) 33117G3, Black Star Canyon (087C) 33117G6, Mint Canyon (137B) 34118D4, Newhall (138A) 34118D5



Quad data is not available for all List 3 and 4 plants. For those that do contain this data, it has not been quality controlled and is potentially incomplete, inaccurate, and/or out of date. Please use caution when referencing this information. We are currently working hard to maintain this data and hope to provide accurate and up to date information in the near future.

**Notes:**  
Species may be present in other areas where conditions are favorable.

Extant



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-116.375,33.0

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CA,AZ,BA,SO

*Isocoma menziesii* var. *decumbens*

**Common Name:** decumbent goldenbush  
**Family:** Asteraceae  
**Synonyms:**  
**Element Code:** PDAST57091  
**Full Name:** *Isocoma menziesii* (H. & A.) G. Nesom var. *decumbens* (Greene) G. Nesom  
**USDA PLANTS Symbol:** ISMED



2007 Vince Scheidt

**Biology**

**Lifeform:** perennial shrub  
**Blooming Period:** April - November  
**Habitat:**  
 • Chaparral  
 • Coastal scrub (sandy, often in disturbed areas)

**Rarity Status**

**Rare Plant Rank:** 1B.2

Rare, threatened, or endangered in California and elsewhere

.2: Fairly endangered in California

**Federal Listing Status:**

Not Listed

**State Listing Status:**

Not Listed

**State Rank:** S2

S2: Imperiled.

**Global Rank:** G3G5T2T3

T2: Imperiled. T3: Vulnerable. G3: (species) Vulnerable.

G5: (species) Secure, considering populations outside California.

**Occurrence Data from DFG**

**California Natural Diversity Database**

**Total # of Known Element Occurrences:** 63

**Element Occurrence Ranks:**

A	B	C	D	X	U
1	4	0	2	1	55

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
25	38

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
62	1	0

**Notes**

Need quads for SCM and SCT islands. Threatened by development. Equals *Haplopappus venetus* ssp. *furfuraceus*, a synonym of *I. menziesii* var. *menziesii* in *The Jepson Manual*. See *Leaflets of Botanical Observation and Criticism* 1:172 (1906) for original description, and *Phytologia* 70(2):69-114 (1991) for taxonomic treatment.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2012-09-25

**Location**

**Elevation:** 10 - 135 meters

**California Endemic:** NO

**States:** California, Baja California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Orange (ORA), San Clemente Island (SCM), Santa Catalina Island (SCT), San Diego (SDG)

**Quads:** *name (DWR code) USGS code*

Dulzura (010A) 32116F7, Jamul Mountains (010B) 32116F8, Otay Mesa (010C) 32116E8, Otay Mountain (010D) 32116E7, National City (011A) 32117F1, Point Loma (011B) 32117F2, Imperial Beach (011D) 32117E1, San Vicente Reservoir (021B) 32116H8, El Cajon (021C) 32116G8, Alpine (021D) 32116G7, Poway (022A) 32117H1, Del Mar (022B) 32117H2, La Jolla (022C) 32117G2, La Mesa (022D) 32117G1, San Marcos (035B) 33117B2, Rancho Santa Fe (035C) 33117A2, Oceanside (036B) 33117B4, Encinitas (036D) 33117A3, Margarita Peak (051B) 33117D4, Las Pulgas Canyon (051C) 33117C4, San Onofre Bluff (052D) 33117C5, Laguna Beach (071D) 33117E7, Malibu Beach (112C) 34118A6, San Clemente Island Central (SCMC) 32118G4, San Clemente Island North (SCMN) 32118H5, San Clemente Island South (SCMS) 32118G3, Santa Catalina East (SCTE) 33118C3, Santa Catalina North (SCTN) 33118D4

**Notes:**

Species may be present in other areas where conditions are favorable.



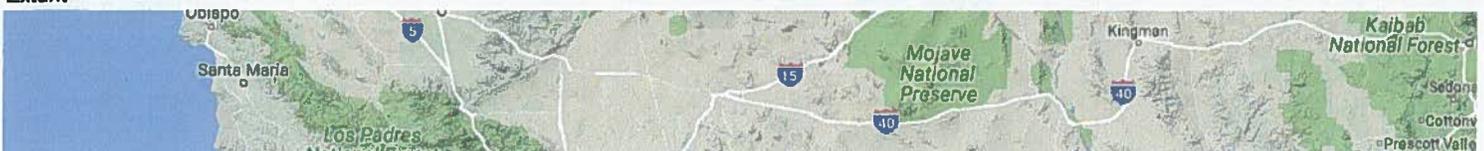
Presumed Extant

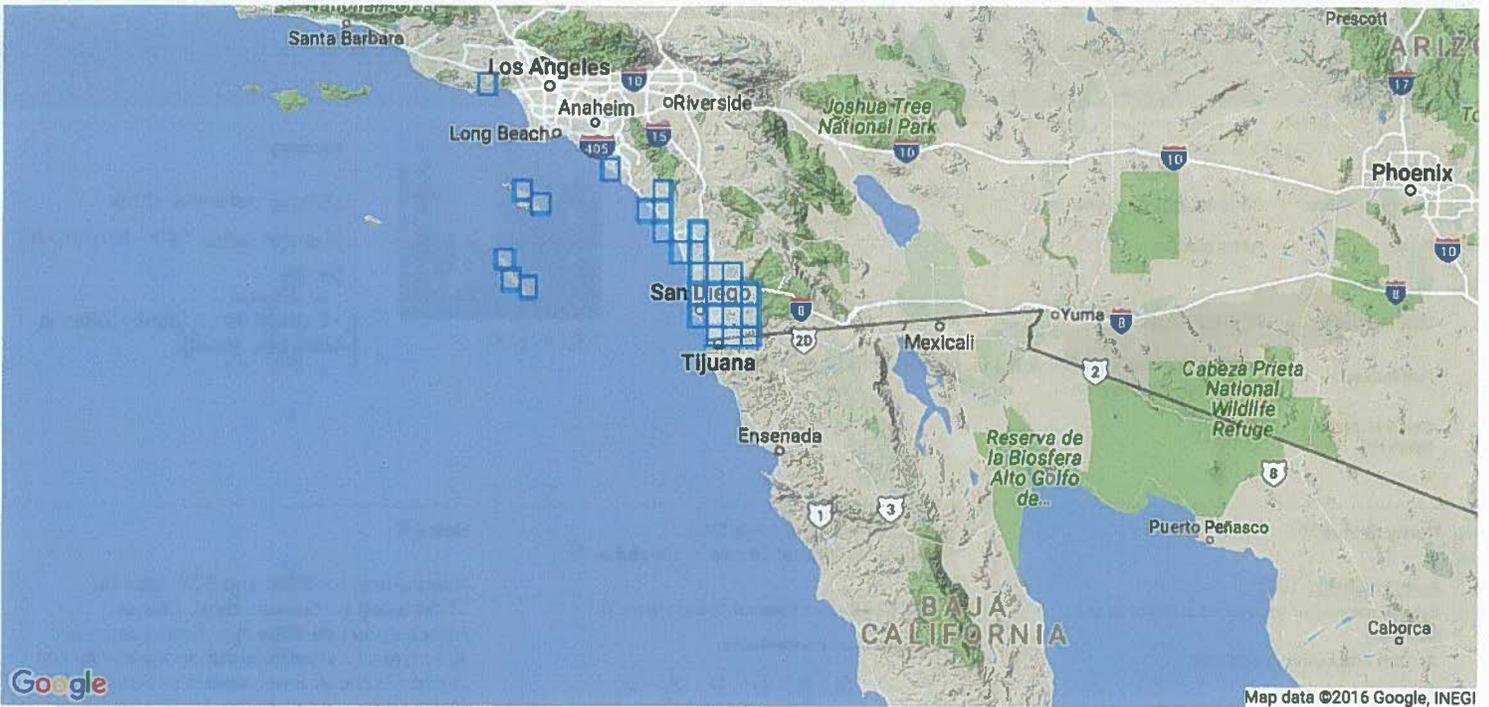
1265

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Counties

Quads





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-116.875,32.875

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CA,BA

*Juglans californica*

**Common Name:** Southern California black walnut  
**Family:** Juglandaceae  
**Synonyms:** *Juglans californica* var. *californica*  
**Element Code:** PDJUG02020  
**Full Name:** *Juglans californica* Wats.  
**USDA PLANTS Symbol:** JUCA



2003 Michael Charters

**Biology**

**Lifeform:** perennial deciduous tree  
**Blooming Period:** March - August  
**Habitat:** alluvial.  
 • Chaparral  
 • Cismontane woodland  
 • Coastal scrub  
 • Riparian woodland

**Rarity Status**

**Rare Plant Rank:** 4.2  
 Uncommon in California  
 2: Fairly endangered in California  
**Federal Listing Status:**  
 Not Listed  
**State Listing Status:**  
 Not Listed  
**State Rank:** S3  
 S3: Vulnerable.  
**Global Rank:** G3  
 G3: Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:**

**Element Occurrence Ranks:**

**A B C D X U**

**Population Status:**

**Historic**    **Recent**  
 >20 yrs    <=20 yrs

**Presence:**

**Present**    **Possibly**    **Extirpated**  
 Extant    Extirpated

**Notes**

Walnut forest is a much fragmented, rare, and declining vegetation community. Threatened by urbanization, grazing, non-native plants, and possibly by lack of natural reproduction. Possibly threatened by hybridization with horticultural varieties of walnut. A synonym of *J. californica* var. *californica* in *The Jepson Manual*. See *Proceedings of the American Academy of Arts and Sciences* 10:349 (1875) for original description, and *Southern California Botanists Special Publication No. 3*, pp. 42-54 (1990) for additional information.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2015-07-23

**Location**

**Elevation:** 50 - 900 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Orange (ORA), Riverside (RIV), Santa Barbara (SBA), San Bernardino (SBD), San Diego (SDG), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Lake Elsinore (069A) 33117F3, Sitton Peak (069C) 33117E4, El Casco (085A) 33117H1, Prado Dam (087B) 33117H6, Yorba Linda (088A) 33117H7, La Habra (088B) 33117H8, Anaheim (088C) 33117G8, Whittier (089A) 33118H1, Yucaipa (106D) 34117A1, San Bernardino North (107A) 34117B3, Devore (107B) 34117B4, Cucamonga Peak (108A) 34117B5, Ontario (108C) 34117A6, Glendora (109A) 34117B7, Baldwin Park (109C) 34117A8, Mt. Wilson (110A) 34118B1, El Monte (110D) 34118A1, Burbank (111A) 34118B3, Van Nuys (111B) 34118B4, Hollywood (111D) 34118A3, Topanga (112D) 34118A5, Cajon (133C) 34117C4, Acton (136B) 34118D2, Condor Peak (136C) 34118C2, San Fernando (137C) 34118C4, Newhall (138A) 34118D5, Val Verde (138B) 34118D6, Santa Susana (138C) 34118C6, Oat Mountain (138D) 34118C5, Ojai (140B) 34119D2, Matilija (141A) 34119D3, White Ledge Peak (141B) 34119D4, Briones Valley (465B) 37122H2, Las Trampas Ridge (465D) 37122G1

**Notes:**

Species may be present in other areas where conditions are favorable.



Quad data is not available for all List 3 and 4 plants. For those that do contain this data, it has not been quality controlled and is potentially incomplete, inaccurate, and/or out of date. Please use caution when referencing this information. We are currently working hard to maintain this data and hope to provide accurate and up to date information in the near future.

Presumed Extant

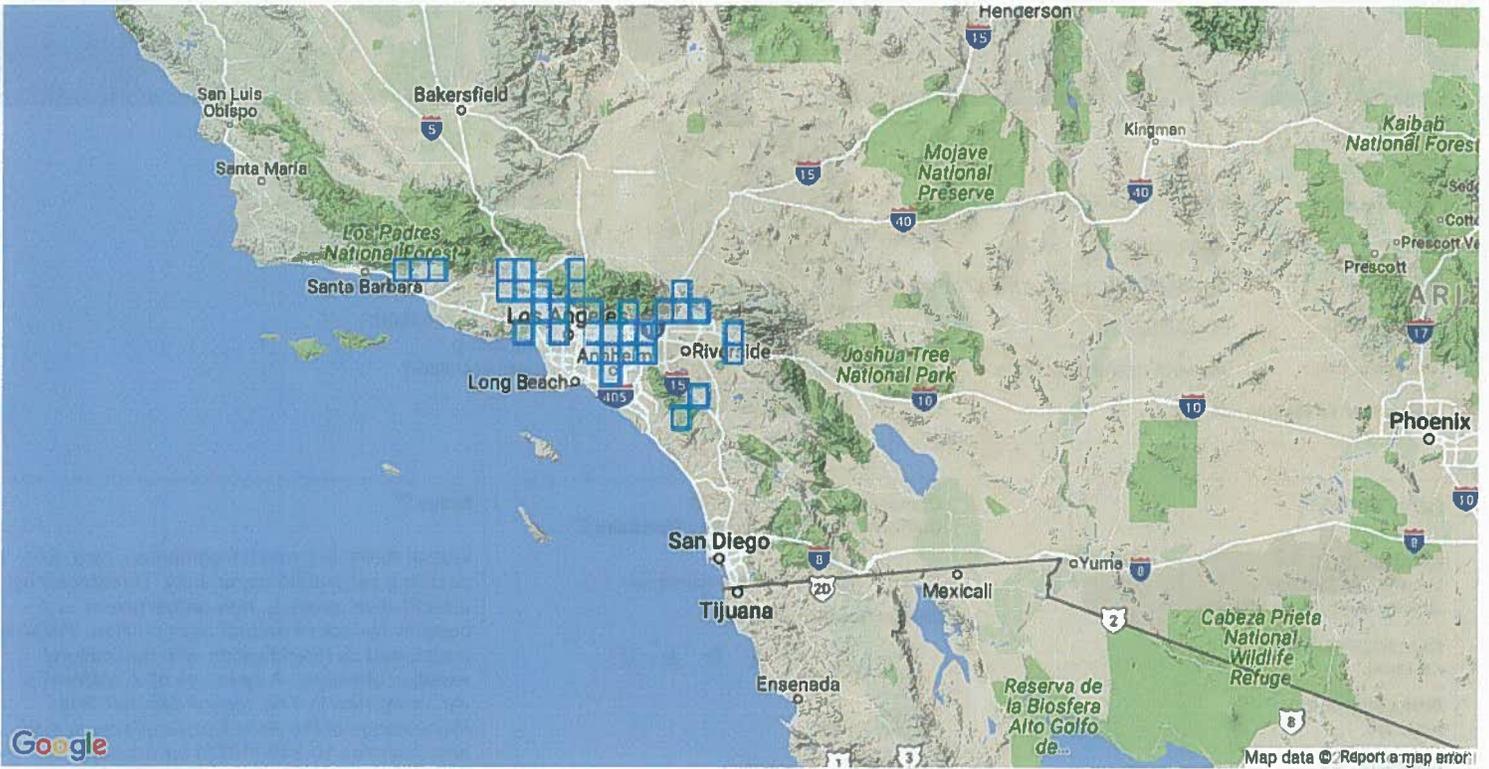
1704

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Counties

Quads





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CA

*Lasthenia glabrata* ssp. *coulteri*

<b>Common Name:</b>	Coulter's goldfields
<b>Family:</b>	Asteraceae
<b>Synonyms:</b>	
<b>Element Code:</b>	PDAST5L0A1
<b>Full Name:</b>	<i>Lasthenia glabrata</i> Lindl. ssp. <i>coulteri</i> (Gray) Ornduff
<b>USDA PLANTS Symbol:</b>	LAGLC



2003 Dean Wm. Taylor

**Biology** ⓘ

**Lifeform:** annual herb

**Blooming Period:** February - June

**Habitat:**

- Marshes and swamps (coastal salt)
- Playas
- Vernal pools

**Rarity Status** ⓘ

**Rare Plant Rank:** 1B.1  
Rare, threatened, or endangered in California and elsewhere  
.1: Seriously endangered in California

**Federal Listing Status:**  
Not Listed

**State Listing Status:**  
Not Listed

**State Rank:** S2  
S2: Imperiled.

**Global Rank:** G4T2  
T2: Imperiled. G4: (species) Apparently secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database** ⓘ

**Total # of Known Element Occurrences:** 97

**Element Occurrence Ranks:**

A	B	C	D	X	U
6	6	4	1	15	65

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
60	37

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
82	14	1

**Notes** ⓘ

Known to have declined significantly by 1966; seriously threatened by urbanization and agricultural development. Also threatened by road maintenance. Potentially threatened by foot traffic and drought. Does plant occur in TUL Co.? See *Synoptical Flora of North America* 1(2):324 (1884) for original description, *University of California Publications in Botany* 40:1-92 (1966) for taxonomic treatment, and *Madroño* 47(3):174-188 (2000) for ecological information.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2014-07-07

**Location** ⓘ

**Elevation:** 1 - 1220 meters

**California Endemic:** no

**States:** California, Baja California

**California Counties and Islands:** *name (code)*  
Colusa (COL), Kern (KRN) \*, Los Angeles (LAX) \*, Merced (MER), Orange (ORA), Riverside (RIV), Santa Barbara (SBA), San Bernardino (SBD) \*, San Diego (SDG), San Luis Obispo (SLO), Santa Rosa Island (SRO), Tehama (TEH), Tulare (TUL) ?, Ventura (VEN), Yolo (YOL)

**Quads:** *name (DWR code) USGS code*  
Jamul Mountains (010B) 32116F8, National City (011A) 32117F1, Imperial Beach (011D) 32117E1, Del Mar (022B) 32117H2, La Jolla (022C) 32117G2, Rancho Santa Fe (035C) 33117A2, Oceanside (036B) 33117B4, Encinitas (036D) 33117A3, Bucksnot Mtn. (048A) 33116D5, Temecula (050B) 33117D2, San Clemente (052A) 33117D5, Idyllwild (066B) 33116F6, Anza (066C) 33116E6, Winchester (068A) 33117F1, Romoland (068B) 33117F2, Murrieta (068C) 33117E2, Bachelor Mtn. (068D) 33117E1, Lake Elsinore (069A) 33117F3, Tustin (071A) 33117F7, Newport Beach (071B) 33117F8, Laguna Beach (071D) 33117E7, Seal Beach (072A) 33118F1, San Pedro (073A) 33118F3, San Jacinto (084C)? 33116G8, El Casco (085A) 33117H1, Sunnymead (085B) 33117H2, Perris (085C) 33117G2, Lakeview (085D) 33117G1, Riverside West (086B) 33117H4, La Habra (088B) 33117H8, Anaheim (088C) 33117G8, Whittier (089A) 33118H1, Long Beach (089C) 33118G2, Los Alamitos (089D) 33118G1, Inglewood (090A) 33118H3, Venice (090B) 33118H4, Torrance (090D) 33118G3, Twentynine Palms (102A) 34116B1, Mt. Wilson (110A) 34118B1, Pasadena (110B) 34118B2, Beverly Hills (111C) 34118A4, Canoga Park (112A) 34118B5, Malibu Beach (112C) 34118A6, Oxnard (114B) 34119B2, Point Mugu (114D) 34119A1, Ventura (141D) 34119C3, Carpinteria (142A) 34119D5, Santa Barbara (142B) 34119D6, Goleta (143A) 34119D7, Santa Ynez (169D) 34120E1, Surf (171A) 34120F5, Tehachapi NE (212A) 35118B3, Tehachapi North (212B) 35118B4, Tehachapi South (212C) 35118A4, Millux (215B) 35119B2, Panorama Hills (217B) 35119B6, Elkhorn Hills (217D) 35119A5, Painted Rock (218A) 35119B7, Bena (238C) 35118C6, Lokern (242A) 35119D5, Las Yaguas Ranch (243B) 35119D8, Morro Bay South (247D) 35120C7, Lost Hills NE (265A) 35119F5, Alpaugh (288B) 35119H4, Lone Tree Well (289C) 35119G6, Arena (422C) 37120C6, Stevinson (423D) 37120C7, Dunnigan (530B) 38121H8, Colusa (546A) 39122B1, Richardson Springs NW (593B) 39121H8, Santa Rosa Island East (SROE)



33119H8, Santa Rosa Island North (SRON) 33120H1

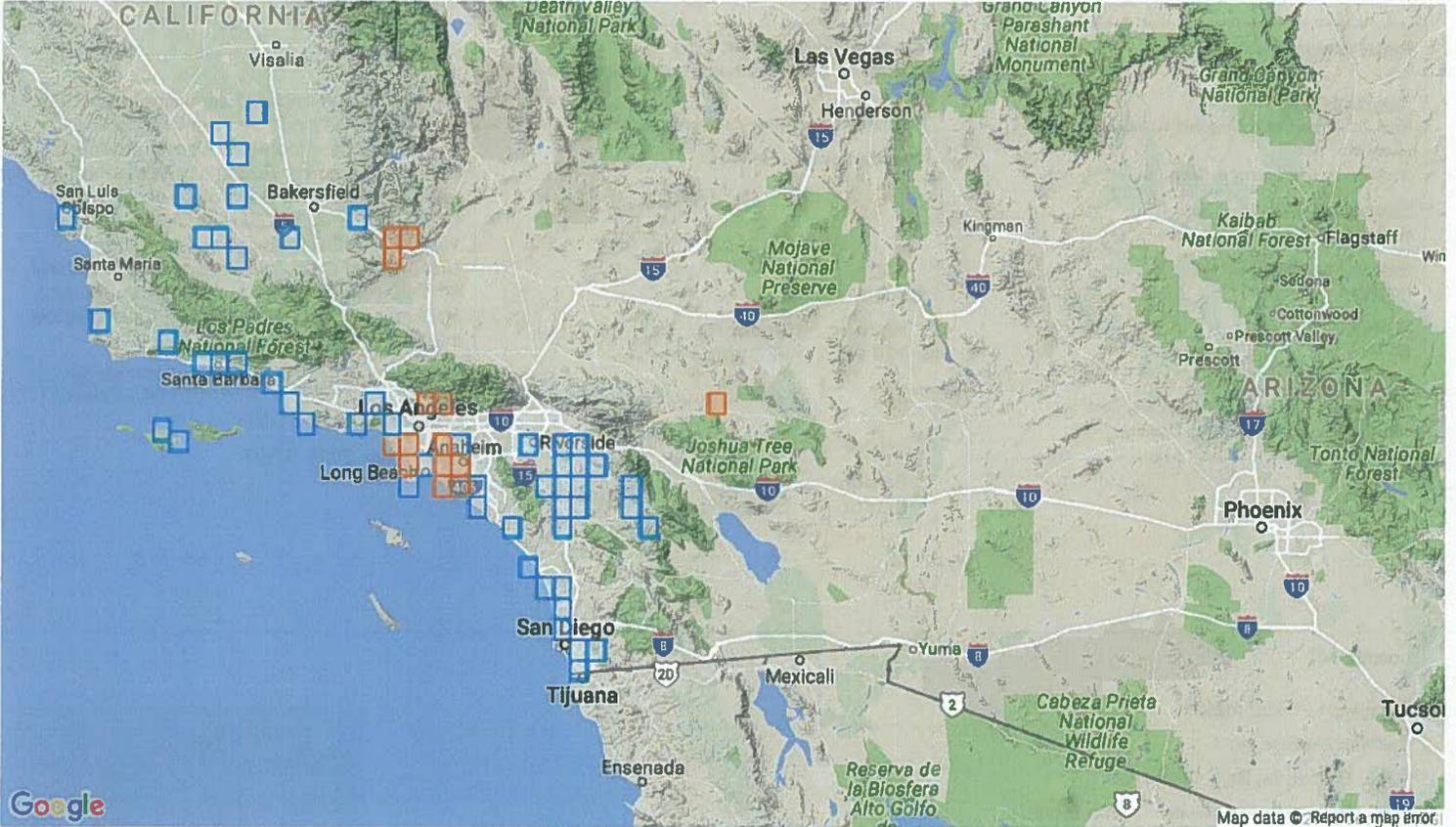
Notes:

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.

■ Presumed Extant    
 ■ Presumed Extirpated or Unknown    
 1706    
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 Quads



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-116.0,34.125

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*Monardella hypoleuca* ssp. *hypoleuca*

**Common Name:** white-veined monardella  
**Family:** Lamiaceae  
**Synonyms:**  
**Element Code:** PDLAM180A3  
**Full Name:** *Monardella hypoleuca* A. Gray ssp. *hypoleuca*  
**USDA PLANTS Symbol:** MOHYH

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** April - December  
**Habitat:**  
 • Chaparral  
 • Cismontane woodland

**Rarity Status**

**Rare Plant Rank:** 1B.3

Rare, threatened, or endangered in California and elsewhere  
 .3: Not very endangered in California

**Federal Listing Status:**

Not Listed

**State Listing Status:**

Not Listed

**State Rank:** S2S3

S2: Imperiled. S3: Vulnerable.

**Global Rank:** G4T2T3

T2: Imperiled. T3: Vulnerable. G4: (species) Apparently secure, considering populations outside California.

**Occurrence Data from DFG**

**California Natural Diversity Database**

**Total # of Known Element Occurrences:** 29

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	0	0	0	0	29

**Population Status:**

**Historic >20 yrs**      **Recent ≤20 yrs**

21                      8

**Presence:**

**Present Extant**      **Possibly Extirpated**      **Extirpated**

29                      0                      0

**Notes**

Known only from the Santa Monica, Santa Ynez, and Sierra Madre Mtns. Many occurrences historical; need field surveys. Possibly threatened by trail maintenance. Previously included plants from Santa Ana and Palomar Mtns., which are now described as *hypoleuca* ssp. *intermedia*; a rare taxon. Intergrades with *M. villosa* ssp. *obispoensis* in areas of overlap. See *Synoptical Flora of North America* 2(1):356-357 (1878) for original description and *Novon* 19:315-343 (2009) for revised circumscription.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 2013-01-03

**Last Update:** 2014-01-03

**Location**

**Elevation:** 50 - 1525 meters

**California Endemic:** yes

**States:** California

**California Counties and Islands:** name (code)

Los Angeles (LAX), Santa Barbara (SBA), Ventura (VEN)

**Quads:** name (DWR code) USGS code

Canoga Park (112A) 34118B5, Malibu Beach (112C) 34118A6, Topanga (112D) 34118A5, Newbury Park (113B) 34118B8, Triunfo Pass (113C) 34118A8, Ojai (140B) 34119D2, Matilija (141A) 34119D3, White Ledge Peak (141B) 34119D4, Pitas Point (141C) 34119C4, Ventura (141D) 34119C3, Carpinteria (142A) 34119D5, Santa Barbara (142B) 34119D6, Dos Pueblos Canyon (143B) 34119D8, Tajiguas (144A) 34120D1, Point Conception (145B) 34120D4, Lion Canyon (165C) 34119E2, Little Pine Mtn. (167C) 34119E6, Lake Cachuma (168C) 34119E8, San Marcos Pass (168D) 34119E7, Solvang (169C) 34120E2, Santa Ynez (169D) 34120E1, Santa Rosa Hills (170D) 34120E3

**Notes:**

Species may be present in other areas where conditions are favorable.



Presumed Extant

3750

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Counties

Quads





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CA

*Navarretia fossalis*

**Common Name:** spreading navarretia  
**Family:** Polemoniaceae  
**Synonyms:**  
**Element Code:** PDPLMOC080  
**Full Name:** *Navarretia fossalis* Moran  
**USDA PLANTS Symbol:** NAFO



2001 Greg Mason

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** April - June  
**Habitat:**  
 • Chenopod scrub  
 • Marshes and swamps (assorted shallow freshwater)  
 • Playas  
 • Vernal pools

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California

**Federal Listing Status:** FT  
 Threatened (10/13/98)

**State Listing Status:**  
 Not Listed

**State Rank:** S2  
 S2: Imperiled.

**Global Rank:** G2  
 G2: Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 74

**Element Occurrence Ranks:**

A	B	C	D	X	U
5	15	10	3	10	31

**Population Status:**

Historic >20 yrs	Recent ≤20 yrs
27	47

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
64	5	5

**Notes**

Threatened by urbanization, agriculture, road construction, grazing, flood control, non-native plants, illegal dumping, foot traffic, and vehicles. Potentially threatened by hydrological alterations. See *Madroño* 24(3):155-159 (1977) for original description and 45(4):327-328 (1998) for distribution information.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1980-01-01

**Last Update:** 2011-08-24

**Location**

**Elevation:** 30 - 655 meters

**California Endemic:** NO

**States:** California, Baja California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Riverside (RIV), San Diego (SDG), San Luis Obispo (SLO)

**Quads:** *name (DWR code) USGS code*

Jamul Mountains (010B) 32116F8, Otay Mesa (010C) 32116E8, National City (011A) 32117F1, Imperial Beach (011D) 32117E1, Del Mar (022B) 32117H2, La Jolla (022C) 32117G2, San Pasqual (034C) 33116A8, San Marcos (035B) 33117B2, Rancho Santa Fe (035C) 33117A2, San Luis Rey (036A) 33117B3, Oceanside (036B) 33117B4, Encinitas (036D) 33117A3, Pechanga (050A) 33117D1, Las Pulgas Canyon (051C) 33117C4, Winchester (068A) 33117F1, Romoland (068B) 33117F2, Murrieta (068C) 33117E2, Bachelor Mtn. (068D) 33117E1, Perris (085C) 33117G2, Lakeview (085D) 33117G1, Inglewood (090A) 33118H3, Mint Canyon (137B) 34118D4, Lake Hughes (162B) 34118F4, Creston (269D) 35120E5

**Notes:**

Species may be present in other areas where conditions are favorable.



Presumed Extant

1161

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Counties

Quads



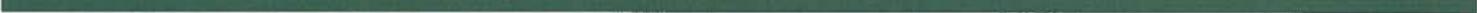


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CA,BA

*Nolina cismontana*

**Common Name:** chaparral nolina

**Family:** Rusaceae

**Synonyms:**

**Element Code:** PMAGA080E0

**Full Name:** *Nolina cismontana* Dice

**USDA PLANTS Symbol:** NOCI



2005 Santa Monica Mountains National Recreation Area

**Biology**

**Lifeform:** perennial evergreen shrub

**Blooming Period:** March - July

**Habitat:** sandstone or gabbro.

- Chaparral
- Coastal scrub

**Rarity Status**

**Rare Plant Rank:** 1B.2  
Rare, threatened, or endangered in California and elsewhere

**2:** Fairly endangered in California

**Federal Listing Status:**  
Not Listed

**State Listing Status:**  
Not Listed

**State Rank:** S3  
S3: Vulnerable.

**Global Rank:** G3  
G3: Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 49

**Element Occurrence Ranks:**

A	B	C	D	X	U
3	13	2	0	0	31

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
19	30

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
49	0	0

**Notes**

Threatened by development, agriculture, road construction, and recreational activities. Not in *TJM* (1993); mentioned as "undescribed sp." under *N. parryi*. See *Novon* 5:162 (1995) for original description.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 2001-01-01

**Last Update:** 2012-11-05

**Location**

**Elevation:** 140 - 1275 meters

**California Endemic:** yes

**States:** California

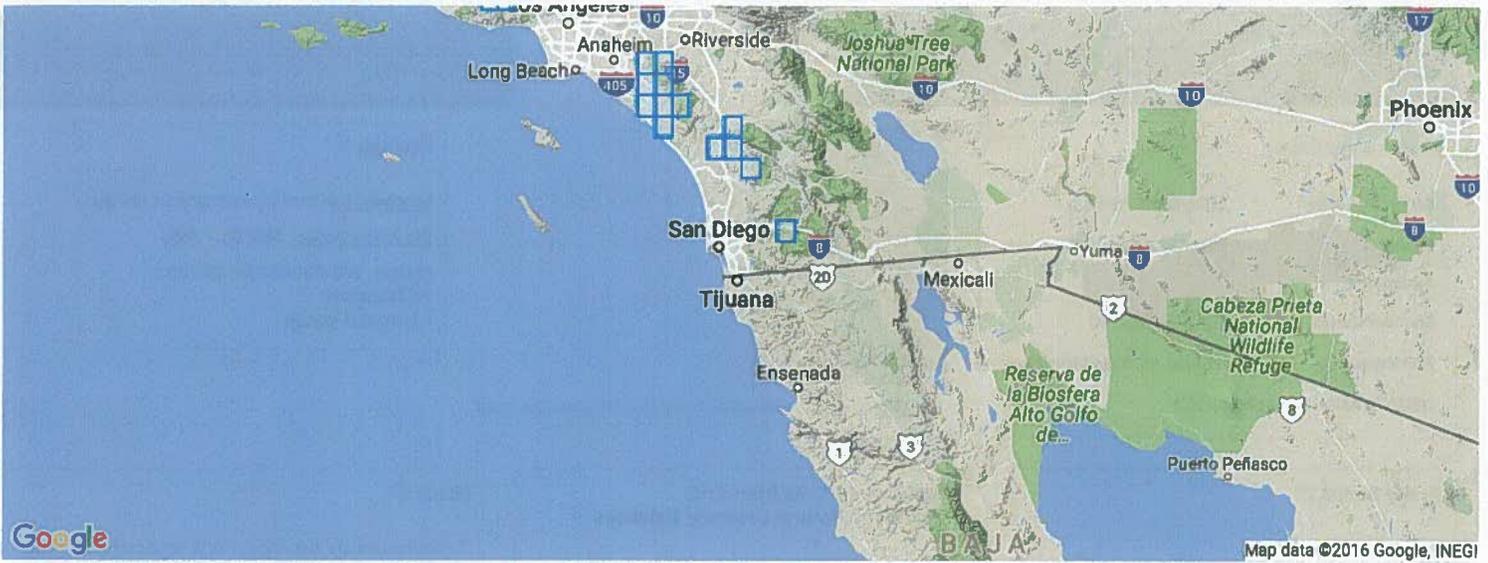
**California Counties and Islands:** *name (code)*  
Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Diego (SDG), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*  
Viejas Mountain (020C) 32116G6, Rodriguez Mtn. (034B) 33116B8, Pechanga (050A) 33117D1, Bonsall (050C) 33117C2, Pala (050D) 33117C1, San Clemente (052A) 33117D5, Sitton Peak (069C) 33117E4, Santiago Peak (070A) 33117F5, El Toro (070B) 33117F6, San Juan Capistrano (070C) 33117E6, Canada Gobernadora (070D) 33117E5, Black Star Canyon (087C) 33117G6, Corona South (087D) 33117G5, Calabasas (112B) 34118B6, Thousand Oaks (113A) 34118B7, Matilija (141A) 34119D3, White Ledge Peak (141B) 34119D4

**Notes:**  
Species may be present in other areas where conditions are favorable.



Presumed Extant      1985      [Printable version of this map](#)       Counties       Quads



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CA

*Orcuttia californica*

**Common Name:** California Orcutt grass  
**Family:** Poaceae  
**Synonyms:** *Orcuttia californica* var. *californica*  
**Element Code:** PMPOA4G010  
**Full Name:** *Orcuttia californica* Vasey  
**USDA PLANTS Symbol:** ORCA



2013 Anna Bennett

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** April - August  
**Habitat:**  
 • Vernal pools

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California  
**Federal Listing Status:** FE  
 Endangered (08/03/93)  
**State Listing Status:** CE  
 Endangered (09/79)  
**State Rank:** S1  
 S1: Critically Imperiled.  
**Global Rank:** G1  
 G1: Critically Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 37

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	5	6	5	5	16

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
17	20

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
32	1	4

**Notes**

Seriously threatened by agriculture, development, non-native plants, grazing, and vehicles. See *Bulletin of the Torrey Botanical Club* 13:219 (1886) for original description, *American Journal of Botany* 69:1082-1095 (1982) for taxonomic treatment and *Madroño* 45(4):328 (1998) for distribution information.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2012-05-15

**Location**

**Elevation:** 15 - 660 meters

**California Endemic:** NO

**States:** California, Baja California

**California Counties and Islands:** name (code)

Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Diego (SDG), Ventura (VEN)

**Quads:** name (DWR code) USGS code

Otay Mesa (010C) 32116E8, Imperial Beach (011D) 32117E1, Del Mar (022B) 32117H2, La Jolla (022C) 32117G2, Encinitas (036D) 33117A3, Warner Springs (048C) 33116C6, Winchester (068A) 33117F1, Romoland (068B) 33117F2, Murrieta (068C)\* 33117E2, Bachelor Mtn. (068D) 33117E1, Lake Elsinore (069A) 33117F3, Wildomar (069D) 33117E3, Newport Beach (071B) 33117F8, South Gate (089B)\* 33118H2, Los Alamitos (089D)\* 33118G1, Inglewood (090A)\* 33118H3, Thousand Oaks (113A) 34118B7, Mint Canyon (137B) 34118D4, Newhall (138A) 34118D5, Simi (139D) 34118C7

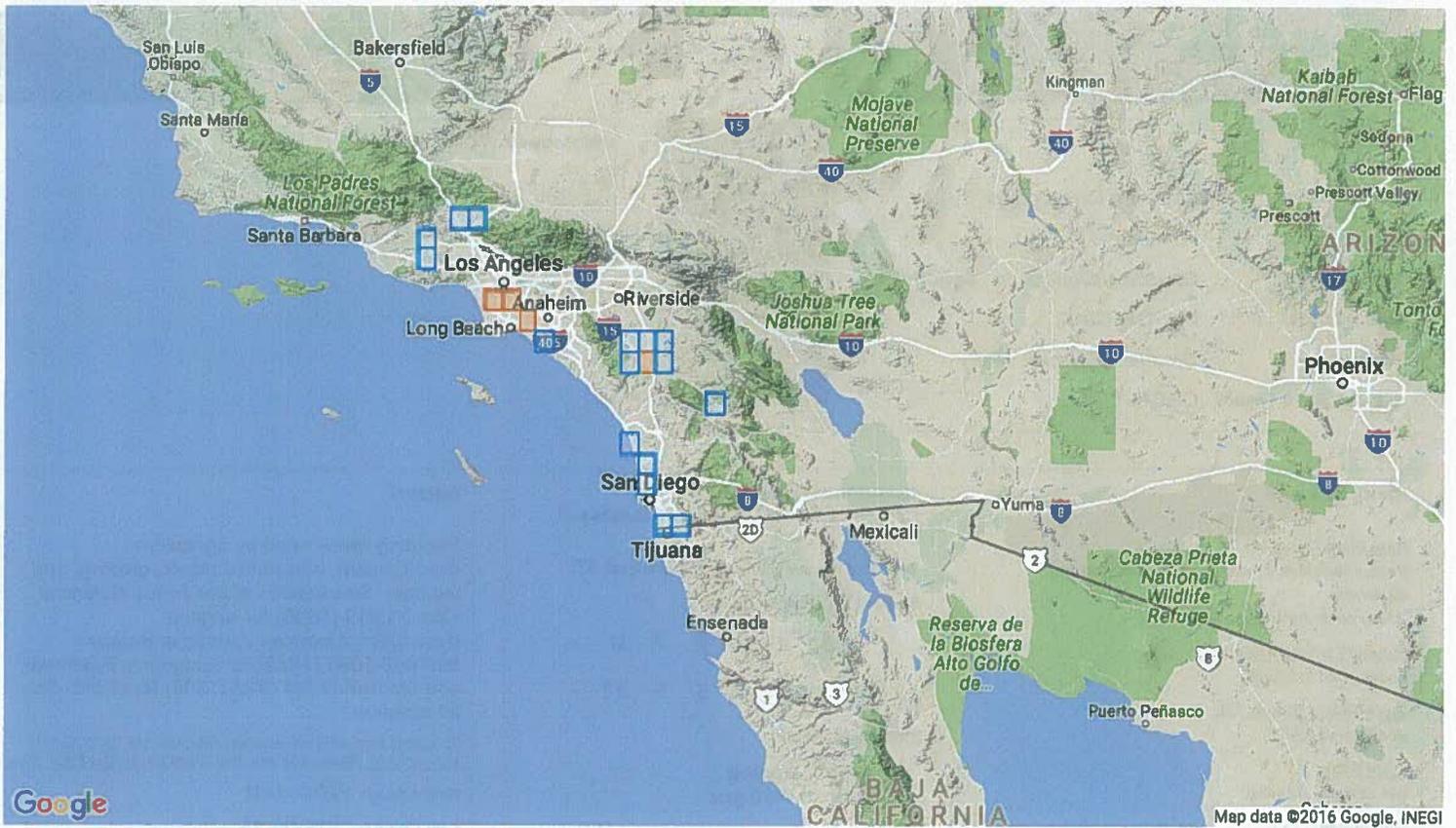
**Notes:**

Definitions of codes preceding a county and/or quad:

- \* Presumed extirpated
- ? Uncertain about distribution or identity
- ?\* Uncertain about distribution, but presumed extirpated if once present
- (?) Occurrence confirmed, but possibly extirpated

Species may be present in other areas where conditions are favorable.





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-116.625,33.25

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CA,BA

*Pentachaeta lyonii*

**Common Name:** Lyon's pentachaeta  
**Family:** Asteraceae  
**Synonyms:**  
**Element Code:** PDAST6X060  
**Full Name:** *Pentachaeta lyonii* Gray  
**USDA PLANTS Symbol:** PELY4



2003 Michael Charters

**Biology**

**Lifeform:** annual herb  
**Blooming Period:** February - August  
**Habitat:** rocky, clay.  
 • Chaparral (openings)  
 • Coastal scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.1  
 Rare, threatened, or endangered in California and elsewhere  
 .1: Seriously endangered in California  
**Federal Listing Status:** FE  
 Endangered (01/29/97)  
**State Listing Status:** CE  
 Endangered (01/90)  
**State Rank:** S1  
 S1: Critically Imperiled.  
**Global Rank:** G1  
 G1: Critically Imperiled.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 41

**Element Occurrence Ranks:**

A	B	C	D	X	U
3	15	11	3	6	3

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
20	21

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
35	5	1

**Notes**

Threatened by development, alteration of fire regimes, trampling, vehicles, and recreational activities. Seriously threatened by non-native plants; annual non-native grasses are an indirect factor contributing to extirpation. No successful translocation attempts as of 1994. See *Synoptical Flora of North America* 1(2):446 (1884) for original description, *University of California Publications in Botany* 65:1-41 (1973) for taxonomic treatment, and *Madroño* 58(2):69-77 (2011) for information on the impacts of non-native plants and management implications.

To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1974-01-01

**Last Update:** 2015-07-24

**Location**

**Elevation:** 30 - 690 meters

**California Endemic:** YES

**States:** California

**California Counties and Islands:** *name (code)*

Los Angeles (LAX), Santa Catalina Island (SCT) ?\*, Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

San Pedro (073A)\* 33118F3, Long Beach (089C)\* 33118G2, Torrance (090D)\* 33118G3, Malibu Beach (112C) 34118A6, Thousand Oaks (113A) 34118B7, Newbury Park (113B) 34118B8, Point Dume (113D) 34118A7, Simi (139D) 34118C7, Santa Catalina North (SCTN)?\* 33118D4

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.



Presumed Extant

Presumed Extirpated or Unknown

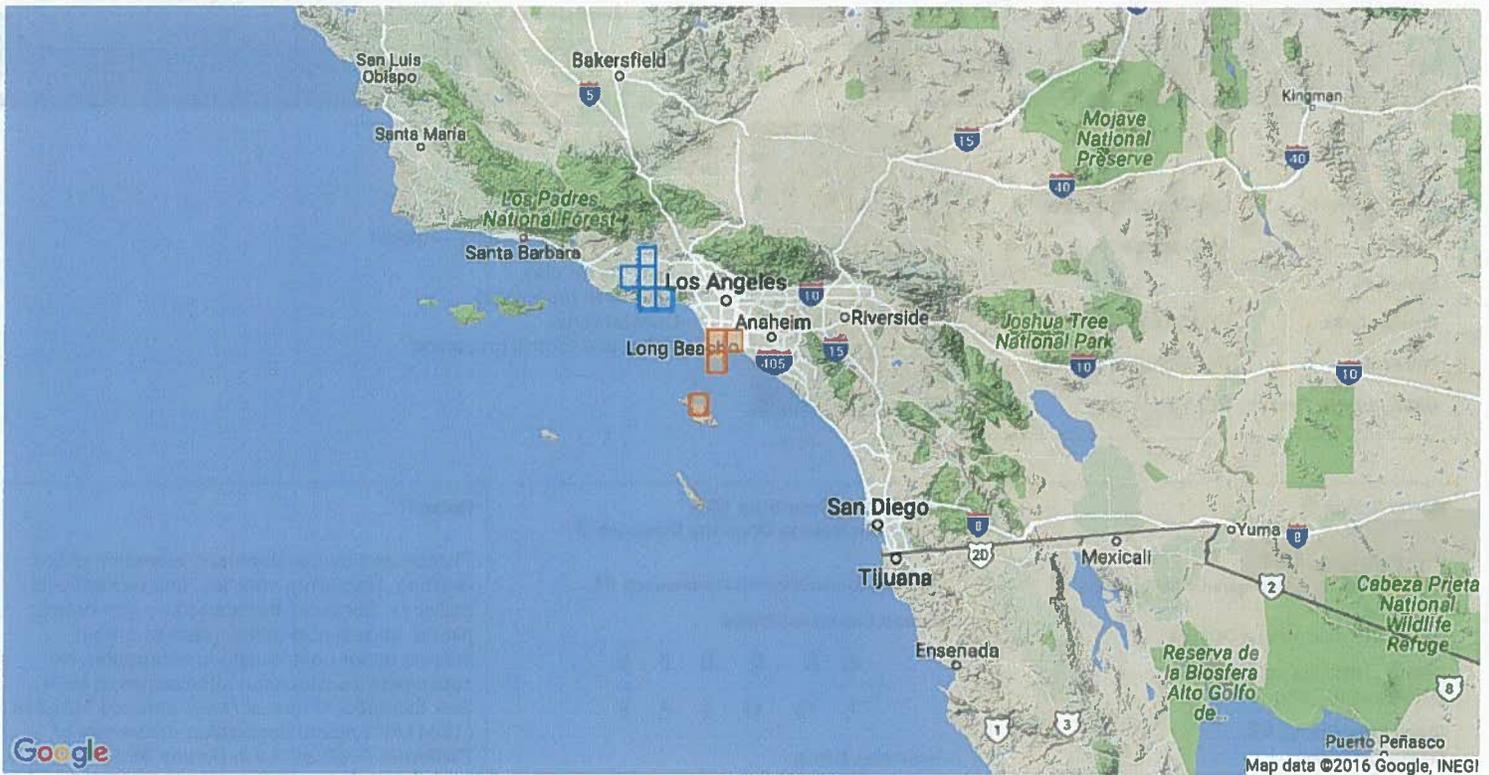
1243

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Counties

Quads





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-118.125,33.75

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CA

*Sidalcea neomexicana*

**Common Name:** salt spring checkerbloom  
**Family:** Malvaceae  
**Synonyms:**  
**Element Code:** PDMAL110J0  
**Full Name:** *Sidalcea neomexicana* Gray  
**USDA PLANTS Symbol:** SINE3



2011 Steven Thorsted

**Biology**

**Lifeform:** perennial herb  
**Blooming Period:** March - June  
**Habitat:** alkaline, mesic.  
 • Chaparral  
 • Coastal scrub  
 • Lower montane coniferous forest  
 • Mojavean desert scrub  
 • Playas

**Rarity Status**

**Rare Plant Rank:** 2B.2  
 Endangered in California  
 .2: Fairly endangered in California

**Federal Listing Status:**  
 Not Listed

**State Listing Status:**  
 Not Listed

**State Rank:** S2  
 S2: Imperiled.

**Global Rank:** G4  
 G4: Apparently secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 15

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	1	0	0	1	13

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
13	2

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
14	1	0

**Notes**

See *University of Washington Publications in Biology* 18:1-96 (1957) for taxonomic treatment.

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.

**Date Added:** 1994-01-01

**Last Update:** 2013-06-12

**Location**

**Elevation:** 15 - 1530 meters

**California Endemic:** NO

**States:** California, Arizona, Colorado, Idaho, INE, New Mexico, Nevada, Oregon, Sonora, Texas, Utah, Wyoming

**California Counties and Islands:** *name (code)*

Kern (KRN), Los Angeles (LAX) \*, Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*

Borrego Mountain (031B) 33116B2, Julian (033D) 33116A5, Canada Gobernadora (070D) 33117E5, Tustin (071A)\* 33117F7, Lakeview (085D) 33117G1, Prado Dam (087B) 33117H6, Anaheim (088C) 33117G8, Los Alamitos (089D)\* 33118G1, Twentynine Palms (102A) 34116B1, San Bernardino South (107D) 34117A3, Ontario (108C)\* 34117A6, Beverly Hills (111C) 34118A4, Lucerne Valley (131B) 34116D8, Matilija (141A) 34119D3, Lockwood Valley (165A) 34119F1, Reyes Peak (166A) 34119F3, Sawmill Mountain (190C) 34119G2

**Notes:**

Definitions of codes preceding a county and/or quad:

- \* *Presumed extirpated*
- ? *Uncertain about distribution or identity*
- ?\* *Uncertain about distribution, but presumed extirpated if once present*
- (?) *Occurrence confirmed, but possibly extirpated*

Species may be present in other areas where conditions are favorable.



Presumed Extant

Presumed Extirpated or Unknown

1778

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Counties

Quads



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CA,AZ,CO,ID,NE,NM,NV,OR,SO,TX,UT,WY

*Texosporium sancti-jacobi*

**Common Name:** woven-spored lichen

**Family:** Caliciaceae

**Synonyms:**

**Element Code:** NLTEST7980

**Full Name:** *Texosporium sancti-jacobi* (Tuck.) Nádv. ex Tibell & Hofsten

**USDA PLANTS Symbol:**

**Biology**

**Lifeform:** crustose lichen (terricolous)

**Blooming Period:**

**Habitat:** On soil, small mammal pellets, dead twigs, and on *Salaginella* spp.  
• Chaparral (openings)

**Rarity Status**

**Rare Plant Rank:** 3  
Needs review

**Federal Listing Status:**  
Not Listed

**State Listing Status:**  
Not Listed

**State Rank:** S1  
S1: Critically Imperiled.

**Global Rank:** G3  
G3: Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

Total # of Known Element Occurrences: 19

Element Occurrence Ranks:

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>X</u>	<u>U</u>
0	0	1	0	3	15

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
3	16

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
16	2	1

**Notes**

Added to CRPR 3 based on prior inclusion in CNDDDB; CALS Conservation Committee sponsorship is pending. Possibly extirpated in Del Mar from urbanization.

**CALS Conservation Committee**

To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the [CNPS Rare Plant Data](#) page.

**Date Added:** 2014-03-01

**Last Update:** 2014-03-17

**Location**

**Elevation:** 290 - 660 meters

**California Endemic:** no

**States:** California, Idaho, Oregon, Washington

**California Counties and Islands:** *name (code)*  
Los Angeles (LAX), Riverside (RIV), Santa Barbara (SBA), San Benito (SBT), San Clemente Island (SCM), San Diego (SDG), Ventura (VEN)

**Quads:** *name (DWR code) USGS code*  
Del Mar (022B) 32117H2, La Jolla (022C) 32117G2, La Mesa (022D) 32117G1, Sage (067C) 33116E8, Bachelor Mtn. (068D) 33117E1, Steele Peak (086D) 33117G3, Camarillo (114A) 34119B1, Peak Mountain (193A) 34119H7, North Chalone Peak (341B) 36121D2, San Clemente Island South (SCMS) 32118G3

**Notes:**  
Species may be present in other areas where conditions are favorable.



Quad data is not available for all List 3 and 4 plants. For those that do contain this data, it has not been quality controlled and is potentially incomplete, inaccurate, and/or out of date. Please use caution when referencing this information. We are currently working hard to maintain this data and hope to provide accurate and up to date information in the near future.



*Thelypteris puberula* var. *sonorensis*

**Common Name:** Sonoran maiden fern  
**Family:** Thelypteridaceae  
**Synonyms:**  
**Element Code:** PPTHE05192  
**Full Name:** *Thelypteris puberula* (Baker) C. Morton var. *sonorensis* A.R. Smith  
**USDA PLANTS Symbol:** THPUS



2009 Duncan S. Bell

**Biology**

**Lifeform:** perennial rhizomatous herb  
**Blooming Period:** January - September  
**Habitat:**  
 • Meadows and seeps (seeps and streams)

**Rarity Status**

**Rare Plant Rank:** 2B.2  
 Endangered in California  
 .2: Fairly endangered in California  
**Federal Listing Status:**  
 Not Listed  
**State Listing Status:**  
 Not Listed  
**State Rank:** S2  
 S2: Imperiled.  
**Global Rank:** G5T3  
 T3: Vulnerable. G5: (species) Secure, considering populations outside California.

**Occurrence Data from DFG California Natural Diversity Database**

Total # of Known Element Occurrences: 21

Element Occurrence Ranks:

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>X</b>	<b>U</b>
0	0	1	0	0	20

**Population Status:**

<b>Historic &gt;20 yrs</b>	<b>Recent &lt;=20 yrs</b>
18	3

**Presence:**

<b>Present Extant</b>	<b>Possibly Extirpated</b>	<b>Extirpated</b>
21	0	0

**Notes**

Possibly threatened by foot traffic, recreational activities, and non-native plants. See *University of California Publications in Botany* 59:91 (1971) for original description.  
 To submit rare plant observation data, use the [CNDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.  
**Date Added:** 1994-01-01  
**Last Update:** 2015-07-23

**Location**

**Elevation:** 50 - 610 meters  
**California Endemic:** no  
**States:** California, Arizona, Baja California, Sonora  
**California Counties and Islands:** *name (code)*  
 Los Angeles (LAX), Riverside (RIV), Santa Barbara (SBA), San Bernardino (SBD)  
**Quads:** *name (DWR code) USGS code*  
 Beauty Mountain (048B) 33116D6, Aguanga (049A) 33116D7, Martinez Mtn. (065D) 33116E3, Palm Springs (083D) 33116G5, Harrison Mtn. (106B) 34117B2, Glendora (109A) 34117B7, Azusa (109B) 34117B8, Mt. Wilson (110A) 34118B1, Topanga (112D) 34118A5, Triunfo Pass (113C) 34118A8, Point Dume (113D) 34118A7, Carpinteria (142A) 34119D5, Santa Barbara (142B) 34119D6, Goleta (143A) 34119D7, Tajiguas (144A) 34120D1, Gaviota (144B) 34120D2, Manzanita Mtn. (194A) 34120H1  
**Notes:**  
 Species may be present in other areas where conditions are favorable.



Presumed Extant

1329

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Counties

Quads





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CA,AZ,BA,SO

*Tortula californica*

**Common Name:** California screw-moss  
**Family:** Pottiaceae  
**Synonyms:**  
**Element Code:** NBMUS7L090  
**Full Name:** *Tortula californica* Bartr.  
**USDA PLANTS Symbol:** TOCA9

**Biology**

**Lifeform:** MOSS  
**Blooming Period:**  
**Habitat:** sandy, soil.  
 • Chenopod scrub  
 • Valley and foothill grassland

**Rarity Status**

**Rare Plant Rank:** 1B.2  
 Rare, threatened, or endangered in California and elsewhere  
 .2: Fairly endangered in California  
**Federal Listing Status:**  
 Not Listed  
**State Listing Status:**  
 Not Listed  
**State Rank:** S2S3  
 S2: Imperiled, S3: Vulnerable.  
**Global Rank:** G2G3  
 G2: Imperiled, G3: Vulnerable.

**Occurrence Data from DFG California Natural Diversity Database**

**Total # of Known Element Occurrences:** 15

**Element Occurrence Ranks:**

A	B	C	D	X	U
0	2	0	0	0	13

**Population Status:**

Historic >20 yrs	Recent <=20 yrs
4	11

**Presence:**

Present Extant	Possibly Extirpated	Extirpated
15	0	0

**Notes**

Need quad for Santa Rosa Island occurrence. See *The Bryologist* 48:90-92 (1945) for original description.  
 To submit rare plant observation data, use the [CNDDDB field survey form](#). Please see also the CNPS [Rare Plant Data](#) page.  
**Date Added:** 2001-01-01  
**Last Update:** 2010-03-15

**Location**

**Elevation:** 10 - 1460 meters

**California Endemic:** YES

**States:** California

**California Counties and Islands:** name (code)

Kern (KRN), Los Angeles (LAX), Monterey (MNT), Modoc (MOD), Riverside (RIV), Santa Barbara (SBA), San Diego (SDG), Santa Rosa Island (SRO), Ventura (VEN)

**Quads:** name (DWR code) USGS code

Imperial Beach (011D) 32117E1, Temecula (050B) 33117D2, Lake Elsinore (069A) 33117F3, Alberhill (069B) 33117F4, Sitton Peak (069C) 33117E4, Lakeview (085D) 33117G1, Triunfo Pass (113C) 34118A8, Point Dume (113D) 34118A7, Oil Center (239B) 35118D8, Soberanes Point (344B) 36121D8, Leonards Hot Springs (707D) 41120E1, Santa Catalina East (SCTE) 33118C3, Santa Rosa Island North (SRON) 33120H1

**Notes:**

Species may be present in other areas where conditions are favorable.



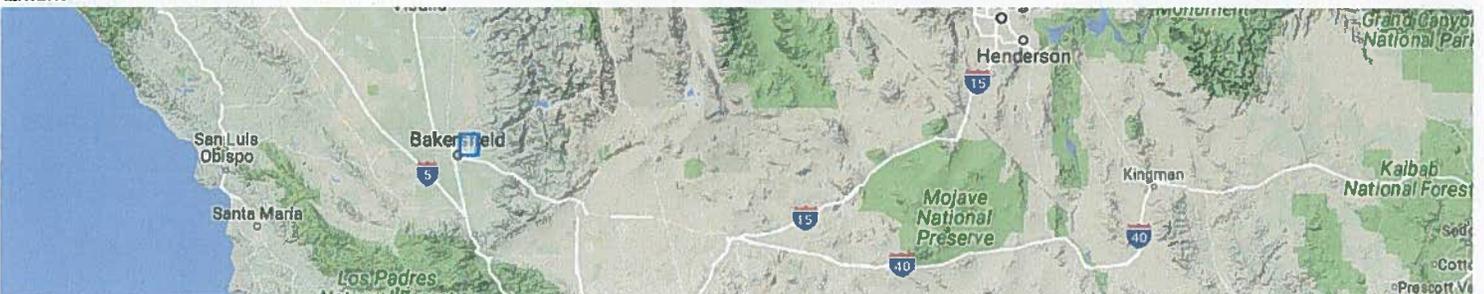
Presumed Extant

2067

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