

# CNPS Inventory of Rare and Endangered Plants of

## California

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CALIFORNIA  
NATIVE PLANT SOCIETY

### PLANT DETAIL

#### Classification

<b>Scientific Name</b>	<i>Silene bolanderi</i> A. Gray
<b>Common Name</b>	Bolander's catchfly
<b>Family</b>	Caryophyllaceae
<b>Element Code Name</b>	PDCAR0U2L0
<b>USDA Plants Symbol</b>	
<b>Synonyms/Other Names</b>	

#### Conservation Status

<b>California Rare Plant Rank</b>	1B.2
<b>Global Rank</b>	G2
<b>State Rank</b>	S2
<b>CESA</b>	None
<b>FESA</b>	None
<b>Other Status</b>	
<b>CRPR Changes</b>	added to 1B.2 on 2021-07-30
<b>Date Added</b>	7/30/2021
<b>Last Change</b>	4/5/2022

#### Ecology and Life History

<b>Lifeform</b>	perennial herb
<b>Blooming Period</b>	May-Jun
<b>Elevation: m (ft)</b>	420-1150 (1380-3775)
<b>General Habitat</b>	Chaparral (edges), Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, North Coast coniferous forest
<b>General MicroHabitat</b>	Usually grassy openings, sometimes dry rocky slopes, canyons, or roadsides
<b>Micro Habitat</b>	Openings (usually), Roadsides (sometimes), Rocky (sometimes), Serpentine (sometimes)

#### Element Occurrence Data from California Natural Diversity Database

<b>Total Element Occurrences</b>	30
<b>Element Occurrence Ranks</b>	
Excellent (A)	0
Good (B)	0

Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	30
<b>Occurrence Status</b>	
Historical, > 20 years	12
Recent, < 20 years	18
<b>Presence</b>	
Presumed Extant	30
Possibly Extirpated	0
Presumed Extirpated	0

## Location

**CA Endemic** No

### Counties

Humboldt (HUM), Lake (LAK), Mendocino (MEN), Trinity (TRI)

### States

California (CA)

### Quads

Black Lassic (4012335), Blake Mountain (4012355), Cahto Peak (3912365), Dinsmore (4012345), Fort Seward (4012326), Foster Mtn. (3912342), Iron Peak (3912374), Jamison Ridge (3912362), Larabee Valley (4012346), Laughlin Range (3912333), Laytonville (3912364), Lincoln Ridge (3912366), Longvale (3912354), Potter Valley (3912331), Purdys Gardens (3912311), Redwood Valley (3912332), Ruth Reservoir (4012334), Showers Mtn. (4012356), Sportshaven (4012344), Willits (3912343), Zenia (4012324)

### Notes

Definitions of codes preceding a county and/or quad:

\* Presumed extirpated

(\* ) Possibly extirpated

Species may be present in other areas where conditions are favorable. These data should NOT be substituted for pre-project review or for on-site surveys.

## General Notes

## Distribution

## Threats

Potentially threatened by agricultural conversion, road construction and maintenance, grazing and trampling by livestock, and severe wildfires.

## Taxonomy

Similar to *S. hookeri*, *S. nelsonii*, and *S. salmonacea*; differentiated by its funnellform corolla (salverform in *S. hookeri*), usually pink petals with linear corona appendages >1 mm long (white

petals with appendages lacking or <1 mm long in *S. nelsonii*), glabrous petal base margin (sparsely to densely ciliate in *S. nelsonii*), and radial androecium symmetry (bilateral in *S. hookeri*).

### **Other**

Potentially threatened by agricultural conversion, road construction and maintenance, grazing and trampling by livestock, and severe wildfires.

### **References**