

## Report for *Helianthella castanea*

### TAXON DETAILS



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### Classification

<b>Scientific Name</b>	<i>Helianthella castanea</i> Greene
<b>Common Name</b>	Diablo helianthella
<b>Family</b>	Asteraceae
<b>Element Code</b>	PDAST4M020
<b>USDA Plants Symbol</b>	<u>HECA2</u>
<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>	SB_CalBG/RSABG
<b>CRPR Changes</b>	
<b>Date Added</b>	1974-01-01
<b>Last Update</b>	2022-12-06

### Ecology and Life History

<b>Lifeform</b>	perennial herb
<b>Blooming Period</b>	Mar-Jun
<b>Elevation m (ft)</b>	60-1300 (195-4265)
<b>General Habitats</b>	Broadleafed upland forest, Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland, Valley and foothill grassland
<b>Microhabitat Details</b>	Azonal soil, often partial Shade
<b>Microhabitat</b>	Rocky (usually)

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		12
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>55</b>	<b>51%</b>
<b>Threat List:</b>		
Grazing	25	23%
Road/trail construction/maint.	18	16%
Foot traffic/trampling	17	15%
Development	12	11%
Recreational use (non-ORV)	10	9%
Other	8	7%
Improper burning regime	8	7%
Erosion/runoff	6	5%
Non-native plant impacts	6	5%
Insufficient population/stand size	1	0%
Vandalism/dumping/litter	1	0%
Wood cutting or brush clearing	1	0%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	107
<b>Element Occurrence Ranks:</b>	
Excellent (A)	11
Good (B)	35
Fair (C)	22
Poor (D)	2
None (X)	1
Unknown (U)	36
<b>Occurrence Status</b>	
Historical, > 20 years	58
Recent, < 20 years	49
<b>Presence</b>	
Presumed Extant	106
Possibly Extirpated	1
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Alameda (ALA), Contra Costa (CCA), Marin (MRN)*, San Francisco (SFO)*, San Mateo (SMT)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Antioch South (3712187), Benicia (3812212), Briones Valley (3712282), Cedar Mtn. (3712155), Clayton (3712188), Diablo (3712178), Dublin (3712168), Hayward (3712261), Hunters Point (3712263), Las Trampas Ridge (3712271), Oakland East (3712272)\*, Richmond (3712283), San Francisco South (3712264), San Rafael (3712285)\*, Tassajara (3712177), Walnut Creek (3712281)

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## **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.

## **Notes**

## **Threats**

## **Taxononmy**

## **Selected References**

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 19 May 2024].