

Report for *Helianthella castanea*

TAXON DETAILS



© 2013 Christopher Bronny



© 2007 Erin McDermott



© 2015 John Doyen

Classification

Scientific Name	<i>Helianthella castanea</i> Greene
Common Name	Diablo helianthella
Family	Asteraceae
Element Code	PDAST4M020
USDA Plants Symbol	<u>HECA2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-12-06

Ecology and Life History

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

Threat List Data from the CNDDDB

Threat List Total:		12
	Total EOs	Percent EOs
EOs with Threats Listed	55	51%
Threat List:		
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

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

Location

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

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)

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 17 May 2024].