

## Report for *Horkelia marinensis*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Horkelia marinensis</i> (Elmer) Crum
Common Name	Point Reyes horkelia
Family	Rosaceae
Element Code	PDROS0W0B0
USDA Plants Symbol	<u>HOMA3</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; SB_UCSC
CRPR Changes	
Date Added	1974-01-01
Last Update	2023-12-05

### Ecology and Life History

Lifeform	perennial herb
Blooming Period	May-Sep
Elevation m (ft)	5-755 (15-2475)
General Habitats	Coastal dunes, Coastal prairie, Coastal scrub
Microhabitat Details	
Microhabitat	Sandy

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		10
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>17</b>	<b>47%</b>
<b>Threat List:</b>		
Non-native plant impacts	8	22%
Other	7	19%
Grazing	6	16%
Development	4	11%
Altered flood/tidal/hydrologic regime	3	8%
Foot traffic/trampling	3	8%
Road/trail construction/maint.	3	8%
Vandalism/dumping/litter	2	5%
Recreational use (non-ORV)	2	5%
Erosion/runoff	2	5%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	36
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	9
Fair (C)	3
Poor (D)	3
None (X)	0
Unknown (U)	19
<b>Occurrence Status</b>	
Historical, > 20 years	22
Recent, < 20 years	14
<b>Presence</b>	
Presumed Extant	36
Possibly Extirpated	0
Presumed Extirpated	0

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Marin (MRN), Mendocino (MEN), Monterey (MNT), San Mateo (SMT), Santa Cruz (SCR), Sonoma (SON)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Ano Nuevo (3712213), Bodega Head (3812331), Davenport (3712212)?, Drakes Bay (3812218), Felton (3712211), Fort Bragg (3912347), Gualala (3812375), Hales Grove (3912377), Inglenook (3912357), Inverness (3812217), Marina (3612167), Montara Mountain (3712254), Noyo Hill (3912346), Point Bonita (3712275), San Francisco South (3712264), Santa Cruz (3612281), Tomales (3812228), Valley Ford (3812238), Westport (3912367)

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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**

Populations from near Ft. Bragg, MEN Co. may be varietally distinct. Historical occurrences need field surveys. See *Systematic Botany* 18(1):137-144 (1993) for distributional information.

## **Threats**

Threatened by non-native plants and residential development. Possibly threatened by road maintenance and foot traffic.

## **Taxononmy**

Threatened by non-native plants and residential development. Possibly threatened by road maintenance and foot traffic.

## **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 25 April 2024].