

## Report for *Oenothera avita* ssp. *eurekensis*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Oenothera avita</i> (W.M. Klein) W.M. Klein ssp. <i>eurekensis</i> (Munz & J.C. Roos) W.M. Klein
Common Name	Eureka Dunes evening-primrose
Family	Onagraceae
Element Code	PDONA0C071
USDA Plants Symbol	OECAE2
Synonyms/Other Names	<u><i>Oenothera californica</i> (S. Watson) S. Watson</u> <u>ssp. <i>eurekensis</i> (Munz &amp; J.C. Roos) W.M. Klein</u>

### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G4?T2
State Rank	S2
CESA	CR (11/01/78)
FESA	3/29/18 (3/29/18)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2024-03-06

### Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Apr-Jun(Jul)
Elevation m (ft)	850-1200 (2790-3935)
General Habitats	Desert dunes
Microhabitat Details	
Microhabitat	

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		2
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>2</b>	<b>67%</b>
<b>Threat List:</b>		
Non-native plant impacts	2	66%
ORV activity	1	33%

## Element Occurrence Data from the CNDDDB

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

## Location

<b>California Endemic</b>	Yes
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<b>Counties</b>
Inyo (INY)

<b>States</b>
California (CA)

<b>Quads</b>
East of Joshua Flats (3711727), East of Waucoba Spring (3711717), Last Chance Range SW (3711716)

### **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**

Federally listed as Endangered on 1978-05-27; Delisted due to Recovery on 2018-03-29. Known only from dunes in Eureka Valley, within Death Valley NP. Habitat previously degraded by vehicle traffic; populations recovering well, but still threatened by vehicle trespass, foot traffic, recreation, and non-native Russian thistle. Recovery plan has been completed by BLM. See *Aliso* 3(2):118 (1955) for original description, and *Biological Conservation* 46:217-242 (1988) for population biology.

## **Threats**

Threatened by vehicle trespass, foot traffic, recreation, and non-native plants.

## **Taxononmy**

Threatened by vehicle trespass, foot traffic, recreation, and non-native plants.

## **Selected References**

**Other:** Recovery Plan for *Oenothera californica* ssp. *eurekensis* (Eureka Dunes evening-primrose) (USFWS 1982)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 16 May 2024].