

## Report for *Swallenia alexandrae*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Swallenia alexandrae</i> (Swall.) Soderstrom & Decker
Common Name	Eureka Valley dune grass
Family	Poaceae
Element Code	PMPOA5Y010
USDA Plants Symbol	<u>SWAL</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	CR (08/01/81)
FESA	3/29/18 (3/29/18)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2023-05-02

#### Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Apr-Jun
Elevation m (ft)	850-1280 (2790-4200)
General Habitats	Desert dunes
Microhabitat Details	
Microhabitat	

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		1
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>1</b>	<b>20%</b>
<b>Threat List:</b>		
ORV activity	1	20%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	5
<b>Element Occurrence Ranks:</b>	
Excellent (A)	5
Good (B)	0
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	0
<b>Occurrence Status</b>	
Historical, > 20 years	0
Recent, < 20 years	5
<b>Presence</b>	
Presumed Extant	5
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
<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

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 and recreation. See *Journal of the Washington Academy of Sciences* 40(1):19-21 (1950) for original description, *Madroño* 17(3):88 (1963) for revised nomenclature, and *Biological Conservation* 46:217-242 (1988) for population biology.

### **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].