

Report for *Escobaria alversonii*

TAXON DETAILS

Classification

Scientific Name	<i>Escobaria alversonii</i> (J.M. Coult.) N.P. Taylor
Common Name	Alverson's foxtail cactus
Family	Cactaceae
Element Code	PDCAC0X060
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Escobaria vivipara</i> (Nutt.) F. Buxb. var.</u> <u><i>alversonii</i> (Coult.) D. Hunt</u> <u><i>Coryphantha alversonii</i> (J.M. Coult.) Orcutt</u>

Conservation Status

California Rare Plant Rank	4.3
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	
CRPR Changes	
Date Added	1974-01-01
Last Update	2024-03-06

Ecology and Life History

Lifeform	perennial stem
Blooming Period	Apr-Jun(Sep-Oct)
Elevation m (ft)	75-1525 (245-5005)
General Habitats	Mojavean desert scrub, Sonoran desert scrub
Microhabitat Details	
Microhabitat	Granitic (usually), Rocky (sometimes), Sandy (sometimes)

Threat List Data from the CNDDDB

Threat List Total:		6
	Total EOs	Percent EOs
EOs with Threats Listed	36	65%
Threat List:		
Road/trail construction/maint.	25	45%
Landfill	17	30%
Other	11	20%
Mining	10	18%
Military operations	3	5%
Development	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	55
Element Occurrence Ranks:	
Excellent (A)	5
Good (B)	5
Fair (C)	6
Poor (D)	0
None (X)	0
Unknown (U)	39
Occurrence Status	
Historical, > 20 years	55
Recent, < 20 years	0
Presence	
Presumed Extant	55
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Riverside (RIV), San Bernardino (SBD)	
States	
California (CA)	
Quads	

Ash Hill (3411661), Big Maria Mts. NE (3311485), Big Maria Mts. NW (3311486), Big Maria Mts. SW (3311476), Big Maria Mts. SE (3311475), Blythe NE (3311465), Bristol Lake NW (3411546), Bristol Lake SW (3411536), Buzzard Spring (3311575), Cadiz Valley SE (3411513), Cadiz Valley SW (3411514), Clarks Pass (3411515), Cleghorn Lakes (3411537), Corn Spring (3311563), Cottonwood Basin (3311568), Cottonwood Spring (3311567), Dale Lake (3411526), Deadman Lake NE (3411641), Deadman Lake NW (3411642), Deadman Lake SE (3411631), Desert Center (3311564), East of Red Canyon (3311555), Hayfield (3311566), Hayfield Spring (3311565), Hector (3411674), Inca (3311477), Lead Mountain (3411548), Lead Mountain SW (3411538), Lead Mtn. NE (3411547), Little Maria Mts. (3311488), Ludlow (3411662), Ludlow SE (3411651), Malapai Hill (3311681), McCoy Wash (3311466), Mescal Range (3511545), Morgans Well (3411652), Palen Pass (3311581), Parker SW (3411414), Pilot Mountain (3311553), Pinto Wells (3311584), Poston (3311484), Queen Mtn. (3411611), Red Cloud Canyon (3311554), Sleeping Beauty (3411673), Styx (3311487), Twentynine Palms (3411621), Twentynine Palms Mtn. (3411518), Victory Pass (3311574), Vidal (3411415), West of Broadwell Mesa (3411682), West of Palen Pass (3311582), Whipple Wash (3411433)

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

Collection from AZ misidentified. Surveys in 2022 and 2023 indicated that some occurrences in the Big Maria Mountains may be in decline.

Threats

Possibly threatened by horticultural collecting, vehicles, and recreational activities.

Taxononmy

Possibly threatened by horticultural collecting, vehicles, and recreational activities.

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].