

## Report for *Johnstonella costata*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Johnstonella costata</i> (Brandege) Hasenstab & M.G. Simpson
Common Name	ribbed cryptantha
Family	Boraginaceae
Element Code	PDBOR0A0M0
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Cryptantha costata</i></u>

#### Conservation Status

California Rare Plant Rank	4.3
Global Rank	G4G5
State Rank	S4
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-08-02

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	Feb-May
Elevation m (ft)	-60-500 (-195-1640)
General Habitats	Desert dunes, Mojavean desert scrub, Sonoran desert scrub
Microhabitat Details	
Microhabitat	Sandy

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		0
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>0</b>	<b>0%</b>
<b>Threat List:</b>		

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	0
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
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	0
<b>Presence</b>	
Presumed Extant	0
Possibly Extirpated	0
Presumed Extirpated	0

## Location

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**California Endemic** No

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### **Counties**

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Imperial (IMP), Inyo (INY), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)

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### **States**

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Arizona (AZ), Baja California (BA), California (CA)

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### **Quads**

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Grays Well (3211468), Grays Well NE (3211467), Midway Well NW (3211562), Acolita (3311512), Arica Mountains (3411418), Bannock (3411487), Borrego Mountain (3311622), Borrego Palm Canyon (3311634), Borrego Sink (3311623), Bristol Lake NW (3411546), Cactus (3211478), Cadiz Lake (3411534), Cadiz Lake NW (3411544), Cadiz Valley NW (3411524), Calexico (3211564), Calumet Mountains (3411535), Cathedral City (3311674), Cave Mountain (3511613), Clark Lake (3311633), Corn Spring (3311563), Cowhole Mountain (3511518), Coyote Wells (3211568), Cronese Lakes (3511623), Crucero Hill (3511612), Dale Lake (3411526), Dumont Dunes (3511662), East of Acolita (3311511), East of Victory Pass (3311573), Fall Canyon (3611772), Fonts Point (3311632), Ford Dry Lake (3311561), Fort Irwin (3511636), Furnace Creek (3611647), Glamis (3211581), Glamis NW (3211582), Glamis SW (3211572), Harpers Well (3311518), Heber (3211565), Hesperia (3411743), Holtville West (3211574), Hopkins Well (3311458), Indio (3311662), Kane Spring NE (3311527), Kane Spring NW (3311528), La Quinta (3311663), Lower Warm Springs (3611777), Martinez Mtn. (3311653), McCoy Spring (3311468), Mecca (3311651), Mesquite Flat (3611762), Mount Signal (3211566), Myoma (3311673), Needles (3411475), New Dale (3411516), Niland (3311525), Oasis (3311641), Ogilby (3211477), Painted Gorge (3211578), Palen Lake (3311572), Palm Springs (3311675), Palm View Peak (3311665), Rice (3411417), Roosevelt Mine (3311457), Saddle Peak Hills (3511663), Seventeen Palms (3311631), Shell Reef (3311621), Shore Line Butte (3511686), Sidewinder Well (3311562), Soda Lake South (3511611), Stovepipe Wells (3611752), Sunfair (3411622), Tecopa (3511672), Thumb Peak (3311447), Truckhaven (3311538), Twentynine Palms (3411621), Valjean Hills (3511661), Wileys Well (3311448), Yuha Basin (3211567)

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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

Possibly threatened by development, vehicles, and non-native plants. See *Systematic Botany* 37(3):738-757 (2012) for revised nomenclature.

## Threats

## Taxonomy

## 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 1 September 2024].