

**Report for *Echinocereus engelmannii* var. *howei*****TAXON DETAILS****Classification**

<b>Scientific Name</b>	<i>Echinocereus engelmannii</i> (Parry) Ruempler var. <i>howei</i> L. Benson
<b>Common Name</b>	Howe's hedgehog cactus
<b>Family</b>	Cactaceae
<b>Element Code</b>	PDCAC06035
<b>USDA Plants Symbol</b>	<u>ECENH</u>
<b>Synonyms/Other Names</b>	

**Conservation Status**

<b>California Rare Plant Rank</b>	1B.1
<b>Global Rank</b>	G5T1
<b>State Rank</b>	S1
<b>CESA</b>	None
<b>FESA</b>	None
<b>Other Status</b>	BLM_S
<b>CRPR Changes</b>	
<b>Date Added</b>	1980-01-01
<b>Last Update</b>	2021-05-26

**Ecology and Life History**

<b>Lifeform</b>	perennial stem
<b>Blooming Period</b>	Apr-May
<b>Elevation m (ft)</b>	430-775 (1410-2545)
<b>General Habitats</b>	Mojavean desert scrub
<b>Microhabitat Details</b>	
<b>Microhabitat</b>	

## 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>3</b>	<b>100%</b>
<b>Threat List:</b>		
Over-collecting/poaching	3	100%
Other	1	33%

## Element Occurrence Data from the CNDDDB

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

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
San Bernardino (SBD)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Bannock (3411487), Goffs (3411581)	

### **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

Probably threatened by horticultural collecting. Not in *The Jepson Manual*. See *Cactus and Succulent Journal* 46:80 (1974) for original description.

### **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].