

## Report for *Lycium brevipes* var. *hassei*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Lycium brevipes</i> Benth var. <i>hassei</i> (Greene) Hitchc.
Common Name	Santa Catalina Island desert-thorn
Family	Solanaceae
Element Code	PDSOLOG0N0
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Lycium hassei</i> Greene</u>

#### Conservation Status

California Rare Plant Rank	3.1
Global Rank	G5T1Q
State Rank	S1
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 1B.1 to 3.1 on 2016-03-01
Date Added	1974-01-01
Last Update	2021-05-26

#### Ecology and Life History

Lifeform	perennial deciduous shrub
Blooming Period	Jun(Aug)
Elevation m (ft)	65-300 (215-985)
General Habitats	Coastal bluff scrub, Coastal scrub
Microhabitat Details	
Microhabitat	

**Threat List Data from the CNDDB**

<b>Threat List Total:</b>		3
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>3</b>	<b>43%</b>
<b>Threat List:</b>		
Development	1	14%
Non-native plant impacts	1	14%
Road/trail construction/maint.	1	14%

**Element Occurrence Data from the CNDDB**

<b>Total Element Occurrences:</b>	7
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
Good (B)	1
Fair (C)	1
Poor (D)	0
None (X)	2
Unknown (U)	3
<b>Occurrence Status</b>	
Historical, > 20 years	2
Recent, < 20 years	5
<b>Presence</b>	
Presumed Extant	5
Possibly Extirpated	0
Presumed Extirpated	2

**Location**

**California Endemic** Yes

**Counties**

Los Angeles (LAX), Orange (ORA)

**States**

California (CA)

**Quads**

Redondo Beach (3311874), San Clemente (3311745), San Clemente Island Central (3211874), San Clemente Island North (3211885)\*, San Pedro (3311863), Santa Catalina East (3311833)\*

**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**

Previously CRPR 1B.1; taxonomic distinctiveness from var. *brevipes* is uncertain. Originally treated as a Channel Islands endemic, CRPR 1A plant, but plants determined to be var. *hassei* have recently been found throughout the range of the species; needs further study. Rediscovered on the Palos Verdes Peninsula (LAX Co.) by A. Sanders in 1976, where plants are an extreme variant and only a few remain; the occurrence was diminished by grading in the 1930's. Rediscovered on SCM Is. in 2005, where previously only known from a single wild specimen that died in 1908. The only other wild specimen known from the Channel Islands (SCT Is.) died in 1936. See *Pittonia* 1:222 (1888) for original description, and *Annals of the Missouri Botanical Garden* 19:256-257 (1932) for taxonomic treatment.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** CRPR List Change on 2016-03-01

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 21 November 2024].