

Report for *Lupinus paynei*

TAXON DETAILS

Classification

Scientific Name	<i>Lupinus paynei</i> Davidson
Common Name	Payne's bush lupine
Family	Fabaceae
Element Code	PDFAB2B580
USDA Plants Symbol	
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1Q
State Rank	S1
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 3.1 to 1B.1 on 2017-12-11 added to 3.1 on 2017-04-03
Date Added	2017-04-03
Last Update	2022-03-01

Ecology and Life History

Lifeform	perennial shrub
Blooming Period	Mar-Apr(May-Jul)
Elevation m (ft)	220-420 (720-1380)
General Habitats	Coastal scrub, Riparian scrub, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Sandy

Threat List Data from the CNDDDB

Threat List Total:		2
	Total EOs	Percent EOs
EOs with Threats Listed	1	14%
Threat List:		
Development	1	14%
Non-native plant impacts	1	14%

Element Occurrence Data from the CNDDDB

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

Location

California Endemic Yes

Counties

Los Angeles (LAX), Ventura (VEN)

States

California (CA)

Quads

Moorpark (3411838), Oat Mountain (3411835), Piru (3411847), Santa Susana (3411836), Simi (3411837)

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

Seriously threatened by development and non-native plants. Substantial portions of populations have already been lost due to development; in serious decline. Determined to be genetically distinct. No reliable morphological characters exist to distinguish *L. paynei* from other lupines in the *L. albifrons* complex; it has been described as being more arborescent, but this character trait has not been substantiated by data. Not allopatric with related taxa, so geography alone cannot be used to determine its identity. Further study is needed to determine the relationship between *L. paynei* and other lupines in the *L. albifrons* complex, particularly with regards to its distribution and morphological distinction. See *Bulletin of the Southern California Academy of Sciences* 17(2):58-59 (1918) for original description, and *Systematic Botany* 36(2):362-370 (2011) for taxonomic treatment.

Threats

Taxonomy

Selected References

CNPS Status Review: CRPR List Addition on 2017-04-03

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 July 2024].