PLANT DETAIL

Classification

Scientific Name  
Lupinus paynei Davidson

Common Name  
Payne's bush lupine

Family  
Fabaceae

Element Code Name  
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  
4/3/2017

Last Change  
3/1/2022

Ecology and Life History

Lifeform  
perennial shrub

Blooming Period  
Mar-Apr(May-Jul)

Elevation: m (ft)  
220-420 (720-1380)

General Habitat  
Coastal scrub, Riparian scrub, Valley and foothill grassland

General MicroHabitat

Micro Habitat  
Sandy

Element Occurrence Data from California Natural Diversity Database

Total Element Occurrences  
7

Element Occurrence Ranks

Excellent (A)  
0

Good (B)  
0

Fair (C)  
0

Poor (D)  
0

None (X)  
0
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.

General 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.

Distribution

Threats

Taxonomy
Other

References