Report for *Lupinus paynei*

**TAXON DETAILS**

**Classification**

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th><em>Lupinus paynei</em> Davidson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>Payne’s bush lupine</td>
</tr>
<tr>
<td>Family</td>
<td>Fabaceae</td>
</tr>
<tr>
<td>Element Code</td>
<td>PDFAB2B580</td>
</tr>
<tr>
<td>USDA Plants Symbol</td>
<td></td>
</tr>
<tr>
<td>Synonyms/Other Names</td>
<td></td>
</tr>
</tbody>
</table>

**Conservation Status**

- California Rare Plant Rank: 1B.1
- Global Rank: G1Q
- State Rank: S1
- CESA: None
- FESA: None
- Other Status: None
- 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: Sandy
Threat List Data from the CNDDB

<table>
<thead>
<tr>
<th>Threat List Total:</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total EOs</td>
<td>Percent EOs</td>
</tr>
<tr>
<td>EOs with Threats Listed</td>
<td>1</td>
</tr>
</tbody>
</table>

Threat List:
- Development: 1 (14%)
- Non-native plant impacts: 1 (14%)

Element Occurrence Data from the CNDDB

<table>
<thead>
<tr>
<th>Total Element Occurrences:</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Element Occurrence Ranks:</td>
<td></td>
</tr>
<tr>
<td>Excellent (A)</td>
<td>0</td>
</tr>
<tr>
<td>Good (B)</td>
<td>0</td>
</tr>
<tr>
<td>Fair (C)</td>
<td>0</td>
</tr>
<tr>
<td>Poor (D)</td>
<td>0</td>
</tr>
<tr>
<td>None (X)</td>
<td>0</td>
</tr>
<tr>
<td>Unknown (U)</td>
<td>7</td>
</tr>
</tbody>
</table>

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