Report for *Agave simplex*

**TAXON DETAILS**

**Classification**

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th><em>Agave simplex</em> (Gentry) Salywon &amp; W. C. Hodgs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>lonesome agave</td>
</tr>
<tr>
<td>Family</td>
<td>Agavaceae</td>
</tr>
<tr>
<td>Element Code</td>
<td>PMAGA01062</td>
</tr>
<tr>
<td>USDA Plants Symbol</td>
<td></td>
</tr>
<tr>
<td>Synonyms/Other Names</td>
<td></td>
</tr>
</tbody>
</table>

**Conservation Status**

<table>
<thead>
<tr>
<th>California Rare Plant Rank</th>
<th>2B.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Rank</td>
<td>G4TNR</td>
</tr>
<tr>
<td>State Rank</td>
<td>S2</td>
</tr>
<tr>
<td>CESA</td>
<td>None</td>
</tr>
<tr>
<td>FESA</td>
<td>None</td>
</tr>
<tr>
<td>Other Status</td>
<td></td>
</tr>
<tr>
<td>CRPR Changes</td>
<td>added to 2B.3 on 2023-04-18</td>
</tr>
<tr>
<td>Date Added</td>
<td>2023-03-10</td>
</tr>
<tr>
<td>Last Update</td>
<td>2023-07-07</td>
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</table>

**Ecology and Life History**

<table>
<thead>
<tr>
<th>Lifeform</th>
<th>perennial leaf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blooming Period</td>
<td>May-Jul</td>
</tr>
<tr>
<td>Elevation m (ft)</td>
<td>320-1680 (1050-5510)</td>
</tr>
<tr>
<td>General Habitats</td>
<td>Mojavean desert scrub, Pinyon and juniper woodland, Sonoran desert scrub</td>
</tr>
<tr>
<td>Microhabitat Details</td>
<td>desert mountains</td>
</tr>
<tr>
<td>Microhabitat</td>
<td>Carbonate, Granitic, Rocky, Shale, Volcanic</td>
</tr>
</tbody>
</table>
Threat List Data from the CNDDB

<table>
<thead>
<tr>
<th>Threat List Total:</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOs with Threats Listed</td>
<td>0</td>
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</tbody>
</table>

Element Occurrence Data from the CNDDB

<table>
<thead>
<tr>
<th>Total Element Occurrences:</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Element Occurrence Ranks:</td>
<td>0</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>
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</tr>
<tr>
<td>Unknown (U)</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Occurrence Status</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historical, &gt; 20 years</td>
<td>0</td>
</tr>
<tr>
<td>Recent, &lt; 20 years</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Presence</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presumed Extant</td>
<td>0</td>
</tr>
<tr>
<td>Possibly Extirpated</td>
<td>0</td>
</tr>
<tr>
<td>Presumed Extirpated</td>
<td>0</td>
</tr>
</tbody>
</table>

Location

California Endemic: No

Counties

States

Arizona (AZ), California (CA), Nevada (NV), Sonora, Mexico (SO)

Quads

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.

Field work needed to document historical occurrences, gather population data, assess site 

Threats
Potentially threatened by inappropriate grazing.

**Taxonomy**

Potentially threatened by inappropriate grazing.

**Selected References**

**CNPS Status Review**: Proposed Addition to 2B.3, G4 / S2 (2023)

**Original Description**: *Occasional Papers of the California Academy of Sciences*, no. 130


**Suggested Citation**