Species

Lomatium erythrocarpum

Species Data:

Red-fruited Lomatium

Vascular Plant

Geographic Area

Baker County, OR

Range Rel.

Entire range

Cave/Ground Water Obligate

No

GRank

G2

SRank

S2

Climate Change Vulnerability Index Values:

<table>
<thead>
<tr>
<th>Temperature Scope</th>
<th>A &gt;5.5F</th>
<th>0</th>
<th>A 5.1F</th>
<th>0</th>
<th>A 4.5F</th>
<th>100</th>
<th>A 3.9F</th>
<th>0</th>
<th>A &lt;3.9F</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hamon AET:PET Moisture</td>
<td>&lt; -0.119</td>
<td>100</td>
<td>-0.119</td>
<td>0</td>
<td>-0.096</td>
<td>0</td>
<td>-0.073</td>
<td>0</td>
<td>-0.05</td>
<td>0</td>
</tr>
<tr>
<td>Metric Scope</td>
<td>B1</td>
<td>N</td>
<td>B2a</td>
<td>SI</td>
<td>B2b</td>
<td>Inc</td>
<td>B3</td>
<td>SI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Affect to Vulnerability:

GI = Greatly Increase
Inc = Increase
SI = Somewhat Increase
N = Neutral
SD = Somewhat Decrease
Dec = Decrease
U = Unknown

Index Scores:

Extremely Vulnerable: Abundance and/or range extent within geographical area assessed extremely likely to substantially decrease or disappear by 2050.

Highly Vulnerable: Abundance and/or range extent within geographical area assessed likely to decrease significantly by 2050.

Moderately Vulnerable: Abundance and/or range extent within geographical area assessed likely to decrease by 2050.

Not Vulnerable/Presumed Stable: Available evidence does not suggest that abundance and/or range extent within the geographical area assessed will change (increase/decrease) substantially by 2050. Actual range boundaries may change.

Not Vulnerable/Increase Likely: Available evidence suggests that abundance and/or range extent within geographical area assessed is likely to increase by 2050.

Assessment Notes: Climate and precipitation data from Climate Wizard using the A1B emissions scenario and ensemble average general circulation model. Historical = past 50 years; Future = mid-century (2050s). Species data from ORBIC database. Assessment performed in conjunction with the Element Rank Calculator.

calculator version 2.1 http://www.natureserve.org/prodServices/climatechange/ccvi.jsp