

# Heritage Ranking Form - State Rank

**Scientific Name:** Lomatium bentonitum

**Common Name:** None

**Classification:** Vascular Plant

**Range Extent:** A = <100 sq km (< ~40 sq mi)

Idaho? Deep Creek, SE of Jordan Valley. Oregon: McBride Creek Rd, N of Jordan Valley, Succor Creek area. Potential Idaho locations need more study to determine species ID.

**Population Size:** B = 50 - 250 individuals

Comments: The two known populations are made of a few hundred individuals, at most (Carlson et al. 2011).

**Number of Occurrences:** A = 1 - 5

Comments: 2 sites at Succor Creek.

**Area of Occupancy:** B = 2 4-km<sup>2</sup> grid cells

Comments: None

**Good Viability:**

Comments: None

**Environmental Specificity:** B = Narrow. Specialist or community with key requirements common

Comments: Bentonitic ash.

**Short Term Trends:** G = Relatively Stable (<=10% change)

Comments: Populations appear to be stable at present (Carlson et al. 2011).

**Long Term Trends:** U = Unknown

Comments: None

**Threat Impact:** B = High

Comments: Populations grow in a quarry with several active mining claims, and ORV use evident in this area (Carlson et al. 2011).

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Heritage Rank:** S1

Comments: Currently known from two locations covering less than 20 acres. Present in a quarry with active mining claims. ORV use evident in the area. This species may also occur in Owyhee County, ID but has not been confirmed.

Rank Notes: None

Reference: Carlson, K., Mansfield, D. and J. Smith. 2011. A new species in the *Lomatium foeniculaceum* (Apiaceae) clade revealed through combined morphometric and phylogenetic analysis. *Systematic Botany*, 36(2):495-507.

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