

# Heritage Ranking Form - Global Rank

**Scientific Name:** Erythronium howellii

**Common Name:** Howell's adder's-tongue

**Classification:** Vascular Plant

**Range Extent:** C = 250-1,000 sq km (~100-400 sq mi)

Comments: 650 sq. mi; southern Josephine County, Oregon to adjacent Del Norte County, California. Curry and Jackson county sites in Oregon excluded, the former based on misidentified collection and unable to re-locate the collection for which the latter county is based.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: 65 grid cells in Oregon plus another 8 or 10 in California

**Number of Occurrences:** C = 21 - 80

Comments: 41 total occurrences, 33 in Oregon and 8 in California; Oregon numbers using 1 km separation distance

**Population Size:** G = 100,000 - 1,000,000 individuals

Comments: 230,000 in Oregon and another 1300 in California. Plant numbers are lacking for most of the California sites.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 12 occurrences with good to excellent viability

**Environmental Specificity:** Not Evaluated

Comments: None

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

Comments: None

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

Comments: None

**Threat Impact:** C = Medium

Comments: Grows in areas managed for timber production; mining claims have increased in SW Oregon

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Heritage Rank:** G3

Comments: Range is relatively small, limited to SW Oregon and adjacent California with most of the sites in Oregon. Grows in open woods and on or near serpentine so threatened by timber harvest and mining activities. Mining claims have increased and activities will likely intensify due to economic market changes and the increase in profitability for the extracted products.

Rank Notes: None

Reference: None

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