

Heritage Ranking Form - State Rank

Scientific Name: Stanleya confertiflora

Common Name: Wolf's evening-primrose

Classification: Vascular Plant

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

Along the Pacific coastline from Cape Blanco area and southward, Curry County, Oregon. Populations continue into California. Oregon range is 418 km² calculated by convex hull.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: 8 4km² grid cells occupied.

Number of Occurrences: B = 6 - 20

Comments: 8 occurrences using 1 km separation distance

Population Size: D = 6-25 4-km² grid cells

Comments: Plant numbers about 2300 to 3300.

Good Viability: B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: 1 or 2 occurrences considered of good to excellent viability

Environmental

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

Comments: Coastal sandy bluffs

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

Comments: Only a few populations with good revisit data, but of these most are stable and one is increasing.

Long Term Trends: U = Unknown

Comments: None

Threat Impact: A = Very High

Comments: Greatest threat cited as hybridization with the non-native *Oenothera glazioviana* (Gisler & Meinke 1997). Encroachment by beach grass, blackberry, other non-natives. Highly vulnerable to climate change.

Intrinsic Vulnerability: U = Unknown

Comments: None

Heritage Rank: S1

Comments: Number of populations and total individuals is fairly low, but at least two of these appear stable. The protections of Oregon's public beaches will help maintain these populations. However, this species is highly vulnerable to climate change and sea level rise. Other threats include hybridization with the non-native *Oenothera glazioviana* and competition with beach grass and blackberry.

Rank Notes: None

Reference: None

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