

# Heritage Ranking Form - State Rank

**Scientific Name:** Sisyrrinchium hitchcockii

**Common Name:** Hitchcock's blue-eyed grass

**Classification:** Vascular Plant

**Range Extent:** D = 1,000-5,000 sq km (~400-2,000 sq mi)

Oregon range of 2550 km<sup>2</sup> calculated by convex hull.

**Population Size:** C = 250 - 1,000 individuals

Comments: About 900 plants reported from 1990 to 2010. Not all sites have population counts.

**Number of Occurrences:** B = 6 - 20

Comments: 13 occurrences using 1 km separation distance.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: 15 4km<sup>2</sup> grid cells occupied.

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

Comments: Possibly 3 occurrences considered of good to excellent viability.

**Environmental Specificity:** U = Unknown

Comments: None

**Short Term Trends:** FG = Decline of <30% to relatively stable

Comments: Because habitat is declining, there is an assumption that the species in general is declining

**Long Term Trends:** U = Unknown

Comments: None

**Threat Impact:** AB = Very High - High

Comments: Willamette Valley and Umpqua Valley grasslands are being destroyed or degraded from residential and other urban developments. Calculated as moderately vulnerable to climate change.

**Intrinsic Vulnerability:** U = Unknown

Comments: None

**Heritage Rank:** S1

Comments: Few occurrences and plants do not seem numerous at many sites; other sites do not have population data or recent counts. Threats to habitat are great.

Rank Notes: Calculator Rank (unrevised)=S1S2. S1 fits better with population estimate and threats. Hard to gauge trends without population counts and revisit data.

Reference: None

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