

# Heritage Ranking Form - State Rank

**Scientific Name:** Stanleya confertiflora

**Common Name:**

**Classification:** Vascular Plant

**Range Extent:** E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

About 17,600 km<sup>2</sup> calculated using convex hull of confirmed locations.

**Population Size:** EF = 2500 - 100,000 individuals

Comments: Plant numbers estimated at 10,500 to 15,000 (a few sightings report 100s or 1000s of plants).

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

Comments: 40 occurrences using 1 km separation distance.

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

Comments: 51 4km<sup>2</sup> grid cells occupied.

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

Comments: Seven occurrences with excellent to good viability using 1 km separation distance.

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

Comments: Clay soils, northern slopes.

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

Comments: In last 20 years, a few small populations have declined or have not been relocated, others are stable or increasing.

**Long Term Trends:** D = Decline of 50 - 70%

Comments: None

**Threat Impact:** BC = High - Medium

Comments: Threats include: grazing, fire, weeds, OHVs, mining, road work. However, several sites have been subject to varying degrees of these threats for many years and have remained stable or increased. Presumed stable/not vulnerable to climate change.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Heritage Rank:** S2

Comments: 40 occurrences using 1 km separation distance, 7 of which have excellent or good viability. Several new populations have been located within the last 10 years, though some of these are very small. While some small populations have declined or have had no plants located in recent revisits, several populations are stable or increasing. Multiple sites have endured some amount of grazing, weeds, and fire but have remain stable.

Rank Notes: Calculator Rank (unrevised)=S2S3. Consensus from 2012 botany meeting is S2.

Reference: None

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