

## Heritage Ranking Form - State Rank

**Scientific Name:** Trifolium leibergii

**Common Name:** Leiberg's clover

**Classification:** Vascular Plant

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

515 km<sup>2</sup> calculated by convex hull.

**Population Size:** F = 10,000 - 100,000 individuals

Comments: Estimated at 24,000 to 40,000 plants.

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

Comments: 8 EOs using 1 km separation distance.

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

Comments: 13 4km<sup>2</sup> grid cells occupied.

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

Comments: Two EOs considered to be of excellent to good viability, using 1 km separation distance.

**Environmental Specificity:** U = Unknown

Comments: None

**Short Term Trends:** U = Unknown

Comments: Little revisit data; one site with multiple visits has fluctuated widely.

**Long Term Trends:** FH = Decline of <30% to increase of 25%

Comments: None

**Threat Impact:** C = Medium

Comments: May be threatened by ORV use, cattle trails through habitat, and threats to native pollinators (Center for Plant Conservation n.d.). Because the plants emerge early in the spring and complete their life-cycle early, grazing is not a major threat (Center for Plant Conservation n.d.). Calculated as not vulnerable/presumed stable to climate change.

**Intrinsic Vulnerability:** U = Unknown

Comments: None

**Heritage Rank:** S2

Comments: Known from a small number of occurrences in a very small area, 500 sq. km. Most of the plants are in one occurrence and several others do not have revisit data. No sites have special management designation.

Rank Notes: Calculator Rank (unrevised)=S3. Little revisit data available, so population numbers could be lower than estimated. One site with revisit data has reported numbers between 50 and 38,000 plants on 4 visits.

Reference: None

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