

Heritage Ranking Form - State Rank

Scientific Name: *Helianthus bolanderi*
Common Name: Bolander's sunflower
Classification: Vascular Plant

Heritage Rank: **S2**

Rank Date: 5/13/2016

Comments: Limited in plant numbers and occurrences; habitat (vernal pool) threatened in general

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

Comments: 4559 sq km, convex hull of known occurrences

Population Size: E = 2,500 - 10,000 individuals

Comments: About 5000 plants

Number of Occurrences: B = 6 - 20

Comments: 9 occurrences

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

Comments: 11-15 4-km² grids

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

Comments: 1 with 600 plants; another with several 100 over several acres; 1 with 200 plants, habitat good quality

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: BC = High - Medium

Comments: None

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: Calculator Rank (unrevised)=S2?. Rank seems reasonable, question mark seems unnecessary.

References: None

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