

Heritage Ranking Form - State Rank

Scientific Name: Carex tiogana

Common Name: Tioga pass sedge

Classification: Vascular Plant

Range Extent: A = <100 sq km (< ~40 sq mi)

Current known range in Oregon is about 2 sq km calculated with convex hull.

Population Size: D = 1,000 - 2,500 individuals

Comments: 1050+ plants from surveys in 2001.

Number of Occurrences: A = 1 - 5

Comments: 2 occurrences using 1km separation distance.

Area of Occupancy: B = 2 4-km² grid cells

Comments: 2 4km² grid cells occupied.

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

Comments: One site has 1000+ plants, other has 50.

Environmental Specificity: AB = Very narrow to narrow

Comments: Glacial cirques

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: BC = High - Medium

Comments: Calculated as extremely vulnerable to climate change. Other threats not yet described.

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S1

Comments: Newly confirmed in Oregon with two sites discovered in 2001, both on Steens Mountain in cirques. Its habitat (glacial cirques) is extremely vulnerable to climate change.

Rank Notes: None

Reference: None

Rank Date: 11/15/2012
Rank Author: Lindsey Wise

Oregon Biodiversity Information Center
Institute for Natural Resources
Portland State University
Mail Stop: INR, PO Box 751
Portland, OR 97207-0751
503-725-9950
www.orbic.pdx.edu