

Natural Heritage Ranking Form - Oregon State Rank

Oregon Ranking Form Lesser bladderwort (*Utricularia minor*)

Oregon Biodiversity Information Center

SPECIES ASSESSED

Scientific Name *Utricularia minor* ELCODE PDLNT020D0
Common Name Lesser bladderwort Element ID 8722

Species Concept Reference Citation

Kartesz, J.T. 1994. A synonymized checklist of the vascular flora of the United States, Canada, and Greenland. 2nd edition. 2 vols. Timber Press, Portland, OR.

CONSERVATION STATUS RANK

Assigned Rank **S4**

Rank Assignment Author	Wise, Lindsey	Rank Review Date	9/16/2013
Rank Factors Author	Wise, Lindsey	Rank Factors Date	09/16/2013
Calculated Rank	S4	Rank Change Date	04/19/2004
Rank Methodology Used	Rank calculator v.3.1x - 2011-2015 rank factors		

Assigned Rank Reasons

Many occurrences, with several sites presumed stable. Species may appear rarer due to the collection difficulties (grows in bogs and fens).

RANGE/DISTRIBUTION

Range Extent

Rating 20,000-200,000 square km (about 8000-80,000 square miles)
Comments Occurrences reported from the central coast to the north, central and south Cascade Range and eastward to Burns, Oregon. Range of extant sightings in 2013 about 42,000 sq km.

Area of Occupancy

Grid Cell Size
Rating (as Number of 4 km² Grid Cells) E = 26-125
Comments About 50 4-km² grid cells occupied.

ABUNDANCE AND CONDITION

Number of Occurrences

Rating 21 - 80
Comments About 50 EOs using 1km separation distance.

Population Size

Rating 1000 - 100,000 individuals
Comments Many locations do not report numbers, but one site had over 7000 plants reported in 1992, with other sites reporting 100s or dozens of plants.

Good Viability/Ecological Integrity

Number of Occurrences with Good Viability/Ecological Integrity

Rating Some (13-40)
Comments Several sites are assumed to be stable.

Number of Protected and Managed Occurrences DE = Many to very many (13 to >40) occurrences appropriately protected and

Number of Protected and Managed Occurrences Comments

4 protected EOs: 1 in Crater Lake NP, 1 in an RNA, 1 in a TNC preserve, and 1 in a WA

THREATS

Calculated Overall Threat Impact

Assigned Overall Threat Impact U = Unknown

Overall Threat Impact Comments

Occurs in fens, slow moving waters

TRENDS

Short-Term Trend

Rating G = Relatively Stable (<=10% change)

Long-Term Trend

Rating FH = Decline of <30% to increase of 25%

RESOURCES

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

Additional ORBIC species ranking forms posted at
<https://inr.oregonstate.edu/orbic/rare-species/ranking-documentation>

Information on Natural Heritage ranking methodology is available at
<http://www.natureserve.org/biodiversity-science/publications/natureserve-conservation-status-assessments-methodology-assigning>

The Conservation Rank Calculator is developed and maintained by NatureServe and is available from
<http://www.natureserve.org/conservation-tools/conservation-rank-calculator>

ASSESSMENT CITATION

Oregon Biodiversity Information Center. 2013. Oregon state rank assessment for Lesser bladderwort (*Utricularia minor*). Institute for Natural Resources, Portland State University, Portland, OR.