# Heritage Ranking Form - State Rank

**Scientific Name:** *Margaritifera falcata*

**Common Name:** Western pearlshell

**Classification:** Invertebrate Animal

**Heritage Rank:** S3

**Rank Date:** 7/4/2016

**Comments:** Still widespread in OR, but there have been scattered declines. This long-lived species may be present but not reproducing before declines are noticed. Many widespread threats.

**Range Extent:** F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

**Comments:** 151,075 sq km range extent in OR

**Population Size:** Not assessed

**Comments:** None

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

**Comments:** Occurs in 73 6th field HUCs

**Area of Occupancy:** F = 501-2,000 1-km² grid cells

**Comments:** 674 1km² grid cells based on known collections, but these severely underestimates distribution in OR. Entire stream segments would be a better estimate, but I do not have that data.

**Good Viability:** U = Unknown

**Comments:** None

**Environmental Sensitivity:** Not Evaluated

**Comments:** None

**Short Term Trends:** F = Decline of 10 - 30%

**Comments:** Documented extirpation from Umatilla River and portions of the Owyhee Basin. Declines from Middle Fork of the John Day, Siulsaw, Siletz and Snake Rivers.

**Long Term Trends:** F = Decline of 10 - 30%

**Comments:** None

**Threat Impact:** B = High

**Comments:** Dams, loss of fish hosts, contaminants, sedimentation, stream warming.
Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: None


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