Heritage Ranking Form - State Rank

Scientific Name: Oncorhynchus mykiss pop. 42
Common Name: Fort Rock redband trout
Classification: Vertebrate Animal

Heritage Rank: S2

Rank Date: 4/2/2015
Comments: Reasonably abundant within remaining range. Threats from climate change (drought years), non native species. Limited range.

Range Extent: C = 250-1,000 sq km (~100-400 sq mi)
Comments: Range extent: 10,703 sq km based on area of HUC. 957 sq km based on portion of HUC actually occupied (Gunckel 2012).

Population Size: F = 10,000 - 100,000 individuals
Comments: 35,209 - 65,385 (Meeuwig and Clements 2014)

Number of Occurrences: B = 6 - 20
Comments: Probably about 7 EOs based on number of impassable barriers (Gunckel 2012).

Area of Occupancy: E = 26-125 4-km2 grid cells
Comments: Current distribution: 118 km stream habitat plus 4723 ha lake habitat = 104 4-km2 grid cells (Gunckel 2012).

Good Viability: F = Excellent percent (>40%) of area with excellent or good viability or ecological integrity
Comments: 73% of occupied habitat rated as 'Good' by Gunckel (2012). 75% of the population known or suspected unaltered (unhybridized). 33% of stream habitat without non-native species. (Gunckel 2012).

Environmental Sensitivity: Not Evaluated
Comments: None

Short Term Trends: E = Decline of 30 - 50%
Comments: Abundance declined from 2007 to 2011, but increased in 2012 (Meeuwig and Clements 2014).

Long Term Trends: E = Decline of 30 - 50%
**Threat Impact:**  
B = High

Comments:  
Isolated, closed basin. Threats from drought, non-native species.

**Intrinsic Vulnerability:**  
Not Evaluated

Comments:  
None

Rank Notes: None

References:  

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