

## Heritage Ranking Form - State Rank

**Scientific Name:** *Haemorhous purpureus*  
**Common Name:** Purple finch  
**Classification:** Vertebrate Animal

**Heritage Rank:** **S4?**

Rank Date: 7/12/2016

Comments: Broad distribution in OR, still relatively common. Irruptive species. Concerns about habitat loss and unexplained population declines. Need information on viability of existing populations.

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

Comments: Range extent of post-2000 PODS records: 134,850 sq km. This is a conservative estimate. If all records are included, regardless of date, range extent is 231,284 sq km

**Population Size:** Not assessed

Comments: None

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

Comments: At least 53 occurrences, Based on post-2000 PODs data, buffered to a 5km separation distance. This is likely an under-estimate. 2141 PODs records, of these, 1379 are post 2000.

**Area of Occupancy:** G = 501-2,500 4-km<sup>2</sup> grid cells

Comments: 1099 4km<sup>2</sup> grid cells occupied - based on post-2000 PODs records buffered to 5km separation distance.

**Good Viability:** DE = Some to many (13-125) occurrences with good viability

Comments: Little information about viability, but based on distribution of PODs data, many populations appear secure.

**Environmental Sensitivity:** Not Evaluated

Comments: None

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

Comments: Although species has seen large declines in other portions of its range, BBS trend data (1966-2013) show a mix of positive and negative trends for OR. Overall trend is -1.78 per year, approx 15% decline over 10 years.

**Long Term Trends:** 0

Comments: None

**Threat Impact:** C = Medium

Comments:

Forest and woodland habitat destruction, but can benefit from some forest management practices.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

Rank Notes: None

References:

Partners in Flight Species Assessment Database. May, 2012. <http://pif.rmbo.org/>  
ORBIC PODs data

Sauer, J. R., J. E. Hines, J. E. Fallon, K. L. Pardieck, D. J. Ziolkowski, Jr., and W. A. Link. 2014. The North American Breeding Bird Survey, Results and Analysis 1966 - 2013. Version 01.30.2015 USGS Patuxent Wildlife Research Center, Laurel, MD

Vroman, D. P. 2003. Purple Finch (*Haemorhous purpureus*) in Birds of Oregon: A General Reference. D.B. Marshall, M.G. Hunter, and A. L. Contreras, eds. Oregon State University Press, Corvallis, OR.

Wootton, J. Timothy. 1996. Purple Finch (*Haemorhous purpureus*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/208>

Rank Author: E Gaines

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