

# Heritage Ranking Form - State Rank

**Scientific Name:** Circus cyaneus

**Common Name:** Northern Harrier

**Classification:** Vertebrate Animal

**Range Extent:** G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Range extent = 285374 sq km via convex hull

**Population Size:** F = 10,000 - 100,000 individuals

Comments: An estimated 11,000 individuals in OR per PIF Landbird Population Estimator.

## Number of

**Occurrences:** CD = 21 - 300

Comments: Approximately 35 EOs using 15km separation distance and PODS data. Approximately 130 EOs, using 10K separation distance and PODs data (less possible records). Species not currently tracked.

**Area of Occupancy:** F = 126-500 4-km<sup>2</sup> grid cells

Comments: Area of occupancy = 477 4-km<sup>2</sup> grid cells

**Good Viability:** U = Unknown

Comments: None

## Environmental

**Specificity:** Not Evaluated

Comments: None

**Short Term Trends:** G = Relatively Stable (<=10% change)

Comments: Stable to increasing in Oregon.

**Long Term Trends:** FG = Decline of <30% to relatively stable

Comments: BBS data show non significant decline

**Threat Impact:** C = Medium

Comments: Habitat loss to wetland conversion, nest destruction from mechanized farming practices, ingestion of poisons with prey. PIF data indicated severe deterioration in future suitability of breeding habitat in Northern Rockies. Slight to moderate threats elsewhere.

**Intrinsic Vulnerability:** B = Moderately vulnerable

Comments: None

**Heritage Rank:** S4

Comments: Unclear trend data. Moderate threats from habitat loss. Wide range in Oregon.

Rank Notes: None

Reference: Smith, Kimberly G., Sara Ress Wittenberg, R. Bruce Macwhirter and Keith L. Bildstein. 2011. Northern Harrier (*Circus cyaneus*), 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/210> | Evans, D. L. 1982. Status reports on twelve raptors. U.S. Department of the Interior, Fish and Wildlife Service, Special Scientific Report No. 238. 68 pp. | Scheuering, E.J. Northern Harrier. pp 144-146 in *Birds of Oregon: A General Reference*. D.B. Marshall, M.G. Hunter, and A. L. Contreras, eds. Oregon State University Press, Corvallis, OR. | Partners in Flight Species Assessment Database. May, 2012. <http://pif.rmbo.org/> |

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