

Heritage Ranking Form - State Rank

Scientific Name: Spizella breweri

Common Name: Brewer's Sparrow

Classification: Vertebrate Animal

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

193830 km² based on PODS data

Population Size: H = >1,000,000 individuals

Comments: 1,700,000 estimated by PIF Landbird Population Estimates Database. Common to abundant in E OR.

Number of

Occurrences: D = 81 - 300

Comments: Based on 5k separation distance and PODS data, there are probably fewer than 220 EOs in OR. This species has not been tracked. Removed BBA possible records, buffered and dissolved remaining records. Result = 218 possible EOs.

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: 337 4km² grid cells, based on PODS data

Good Viability: U = Unknown

Comments: None

Environmental

Specificity: B = Narrow. Specialist or community with key requirements common

Comments: Shrublands

Short Term Trends: DE = Decline of 30 - 70%

Comments: BBS data shows decline from 1966-1998. PIF data show significant large decrease in Great Basin populations, small increase in Northern Rockies. Declines have been greater in later years.

Long Term Trends: EF = Decline of 10 - 50%

Comments: None

Threat Impact: B = High

Comments: PIF Species Assessment Database: Severe future deterioration of habitat suitability expected. Habitat loss to agriculture, cattle grazing, invasive exotics (Miller 2003).

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: S3

Comments: Common bird, but has experience significant declines in portions of Oregon. Ongoing threats to habitat.

Rank Notes: None

Reference: Rotenberry, J. T., M. A. Patten and K. L. Preston. 1999. Brewer's Sparrow (*Spizella breweri*), 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/390> | Miller, C.R. Brewer's Sparrow. pp 540-542 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/> |

Rank Date: 1/0/1900

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