

Heritage Ranking Form - State Rank

Scientific Name: *Eremophila alpestris strigata*

Common Name: Streaked horned lark

Classification: Vertebrate Animal

Heritage Rank: **S2B**

Rank Date: 2/16/2016

Comments: Although the Streaked horned lark has experienced declining population trends and extreme disruption of habitat, conservation efforts to support the species are underway. 11 Grassland Bird Conservation Areas were delineated in the Willamette Valley, and the Streaked Horned Lark Working group has been active with land owners and management agencies throughout the bird's range to encourage habitat improvement and nesting success.

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: 5,827 sq km.

Population Size: C = 250 - 1,000 individuals

Comments: Between 900 and 1,300 breeding Streaked horned larks in the Willamette Valley (Altman 2011). Largest populations are at the Corvallis Municipal Airport and on the FWS Willamette Valley National Wildlife Refuge Complex.

Number of Occurrences: C = 21 - 80

Comments: 30 occurrences.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: 110 4-km² grid squares occupied.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: Because Streaked Horned Larks frequently choose agriculturally modified environments to establish nesting sites, estimated viability rankings are mostly E or "Null".

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: 0

Comments: None

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

Comments: Statewide BBS trends recover a declining population trend of 0.8%/year between 1968 and 1998, but between 1980 and 1998 the population decreased by ~2.3%/year.

Threat Impact: C = Medium

Calculated Threat Comments: Minimizing agricultural field activities during the breeding season could mitigate loss of grassland-associated species such as the Streaked horned lark. Streaked horned larks are also vulnerable to other agricultural processes, including automobile and tractor use, crop selection, and herbaceous vegetation control. While the Overall Threat Impact is assigned "Low", possible threats to the species are magnified because of its limited distribution, and its low and annually declining Assigned Threat Comments: None

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: Calculator Rank (unrevised)=S2. Although the Streaked horned lark has experienced declining population trends and extreme disruption of habitat, conservation efforts to support the species are underway. 11 Grassland Bird Conservation Areas were delineated in the Willamette Valley, and the Streaked Horned Lark Working group has been active with land owners and management agencies throughout the bird's range to encourage habitat improvement and nesting success.

References: None

Rank Author: Pahl, Cameron and E. Gaines

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