

# Heritage Ranking Form - State Rank

**Scientific Name:** Castilleja oresbia

**Common Name:** Pale Wallowa Indian-paintbrush

**Classification:** Vascular Plant

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

About 23000 km<sup>2</sup> based on specimens, but range is likely larger as this species was considered too common to track.

**Population Size:** BE = 50 - 10,000 individuals

Comments: When last reviewed in 1999, total plant numbers were assumed to be over 3000 and close to 10,000 if not greater, in OR and ID.

## Number of

**Occurrences:** BC = 6 - 80

Comments: Herbarium records include 5 recent sightings and an additional 6 that may be historical. Previous review in 1999 estimated 20-80 occurrences, possibly over 100.

**Area of Occupancy:** DE = 6-125 4-km<sup>2</sup> grid cells

Comments: 3 recent sightings and an additional 6 that may be historical; Darrach reports one population on Umatilla NF. Since this species is not currently tracked in OR, there are likely many more sites in existence.

**Good Viability:** CD = Few to some (4-40) occurrences with good viability

Comments: This species is protected in the Eagle Cap Wilderness Area. It may also be protected elsewhere.

## Environmental

**Specificity:** Not Evaluated

Comments: None

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

Comments: Darrach reports steep declines of *Artemisia rigida*, a host species of this plant, and a single population on the Umatilla NF.

**Long Term Trends:** U = Unknown

Comments: None

**Threat Impact:** BC = High - Medium

Comments: Darrach reports steep declines of *Artemisia rigida* and increasing *Ventenata* as threats to this species. Calculated as not vulnerable to climate change.

**Intrinsic Vulnerability:** B = Moderately vulnerable

Comments: *Castilleja oesbia* is assumed to be fairly resistant to non-destructive intrusion.

**Heritage Rank:** S2S3

Comments: Limited to NE Oregon. Its primary habitat and host plants (sagebrush including *Artemisia rigida*) have been declining. Non-native plants such as *Ventenata dubia* are also a threat.

Rank Notes: None

Reference: None

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