Alaska Natural Heritage Program
Conservation Status Report

_Callophrys polios_ - Cook & F. Watson, 1907

**Common Name:** Hoary Elfin

<table>
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<tr>
<th>EL CODE: IILEPE2210</th>
<th>Taxonomic Serial No.: 777850</th>
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**Synonyms:** _Incisalia polios_


**Report last updated – 17 May 2017**

**Conservation Status**

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<th>G5 S3</th>
<th>ASRS: not yet ranked</th>
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**Occurrences, Range**

**Number of Occurrences:**
326 museum records (KWP 2017, UAM 2017), number of EOs: 10

**AK Range Extent:** 7,544 km²

**Occupancy 4 km² grid cells:**
11

**Nowacki Ecoregions:**
Tanana River Valley near Fairbanks and Tok; encompassing the Intermontane Boreal Ecoregion.

**North American Distribution:** Alaska east through southern Canada and the northern United States to the Atlantic, and south along the Rocky Mountains to New Mexico and Appalachians to Virginia (BAMONA 2017).
**Trends**

*Short-term:* Proportion collected has remained stable (<10% change).

*Long-term:* Proportion collected has remained stable (<10% change).

![Callophrys polios Collections in Alaska](image)

**Threats**

*Scope and Severity:* Most threats (including development, pollution, biological resource use, etc.) are anticipated to be negligible in scope and unknown in severity. Climate change and severe weather has the potential to affect populations, especially as a species found above treeline; however we cannot anticipate the scope or severity of such impacts.

**Comments:**

**Ecology**

*Habitat:* Open areas in the boreal forest in Alaska (Philip & Ferris 2016). Elsewhere this species is associated with open meadows and forest edges, rocky ridges, dunes, and barrens (BAMONA 2017).

*Host Plants:* Shrubby members of the Ericaceae including *Arctostaphylos uva-ursi* in Alaska (Philip & Ferris 2016, BAMONA 2017).

*Life History:* Flight period from May to mid-June in Alaska (Philip & Ferris 2016). Typically male perch on plants in open areas to intercept females. Females lay eggs on leaf buds or flower pedicels. Winter hibernation occurs as pupa.
Intrinsic Vulnerability: Unknown.

Literature


