

Alaska Natural Heritage Program

Conservation Status Report

Andrena costillensis Viereck and Cockerell, 1914

Common Name:

ELCODE: IIHYM350Q0

Taxonomic Serial No.: 654241

Taxonomy Notes:

Report last updated - May 1, 2019

Conservation Status

GNR S1

Occurrences, Range

Number of Occurrences: 3 Element Occurrences in Alaska. Five voucher records (University of Alaska Museum Insect Collection)

AK Range Extent: 365 km²

Occupancy 4 km² grid cells: 3 grids occupied

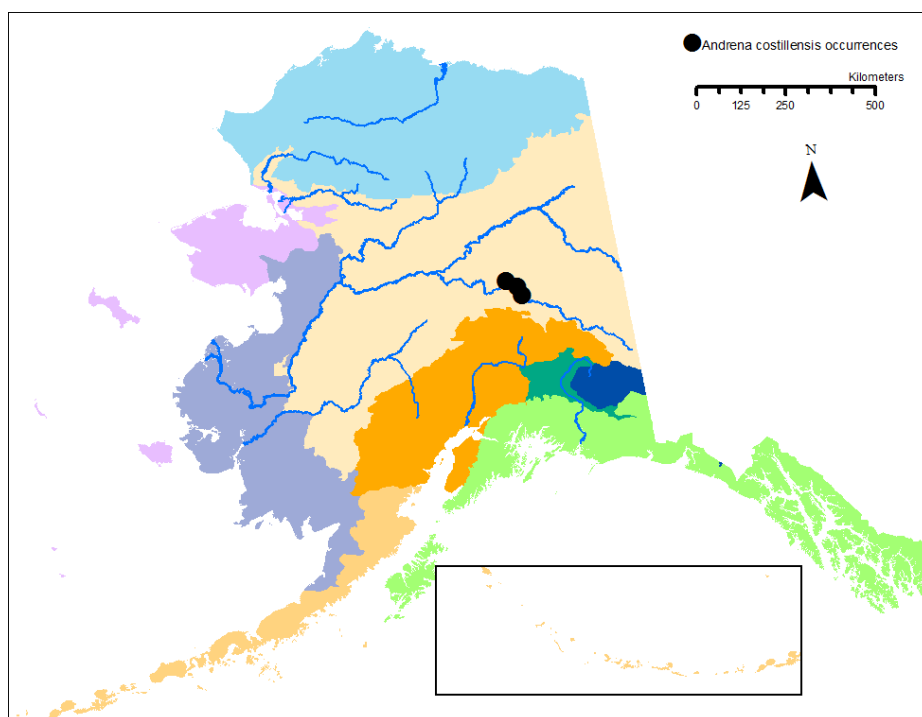
Nowacki Ecoregions: Intermontane Boreal

North American Distribution: Occurs in the western U.S. from Montana south to New Mexico.

Trends

Short-term: N/A, insufficient data

Long-term: N/A, insufficient data



Threats

Scope and Severity: Salcha Bluff site is roadside, increases anthropogenic activity and road kill potential. Salcha site also has a high number of non-native species encroaching at the base (JR Fulkerson (pers. Obs) that may displace native plant species and provide alternative flora resources. Quality of non-native species floral resource is unknown. UAF bog site occurs on UAF campus in aspen forest trail side, has anthropogenic disturbance and fire suppression. Moose Creek Bluff site is within anthropogenic development and likely has fire suppression, increasing the forest encroachment of the habitat.

Ecology

Habitat: Steppe bluff and open aspen forest

Host Plants: *Solidago multiradiata*

Literature

GBIF.org (29 November 2018) GBIF Occurrence Download <https://doi.org/10.15468/dl.ya7w7s>

Retrieved April, 15, 2019, from the Integrated Taxonomic Information System on-line database, <http://www.itis.gov>.

University of Alaska Museum Insect Collection. <http://dx.doi.org/doi:10.7299/X75D8S0H> (Records Accessed 29 November 2018).