

# Alaska Natural Heritage Program

## Conservation Status Report

*Andrena frigida* Smith, 1853

**Common Name:**

<b>ELCODE:</b> IIHYM35110	<b>Taxonomic Serial No.:</b> 654290
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*Synonyms:* *Andrena moesta* Smith, 1879; *Andrena bebbiana* Viereck and Cockerell, 1914; *Andrena bella* Viereck, 1924; *Andrena subarctica* Cockerell, 1936; *Andrena diversicolor* Viereck, 1924; *Andrena cockerelli* Graenicher, 1903; *Andrena pallida* Viereck, 1924; *Andrena hirtignatha* Linsley, 1951; *Andrena variantia* Linsley, 1951; *Andrena varia* Viereck, 1924; *Cilissa albihirta* Ashmead, 1890; *Andrena rhodotricha* Linsley, 1939; *Andrena hirticeps* Smith, 1853; *Andrena nodosa* Viereck, 1924; *Andrena stenosoma* Viereck, 1925

*Taxonomy Notes:*

**Report last updated - May 2, 2019**

### Conservation Status

GNR S3
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### Occurrences, Range

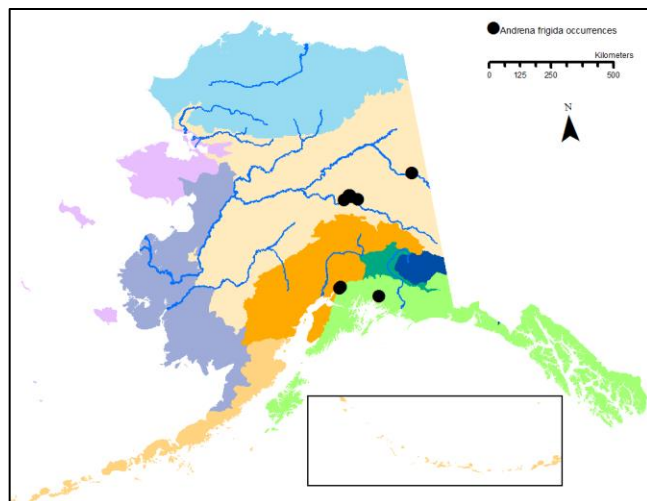
*Number of Occurrences:* There are 10 occurrences. 24 museum records (University of Alaska Museum Insect Collection, C.A. Triplehorn Insect Collection, and Illinois Natural History Survey Insect Collection).

*AK Range Extent:* 91,000 km<sup>2</sup>

*Occupancy 4 km<sup>2</sup> grid cells:* 9 occupied grids

*Nowacki Ecoregions:* Intermontane Boreal, Alaska Range Transition, and Coastal Rainforests

*North American Distribution:* Found scattered throughout Canada. In the U.S., large concentrations in the west and northern border states east to the east coast.



## Trends

*Short-term:* N/A, insufficient data

*Long-term:* N/A, insufficient data

## Threats

*Scope and Severity:* half of the occurrences experience anthropogenic effects of urban development, roadkill hazard, and agriculture pesticide use.

*Comments:* Moderate range in Alaska, though majority of occurrences are within towns and agriculture. These pose threats, but scope is likely low to moderate.

## Ecology

*Habitat:* Collected on roadsides, steppe bluffs, floodplains, and willow thickets.

*Host Plants:* *Salix* species including *S. alaxensis*, *S. scouleriana*, *Taraxacum officinale*, *Mertensia* sp., roadside weeds,

## 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).