Alaska Natural Heritage Program
Conservation Status Report

*Andrena frigida* Smith, 1853

**Common Name:**

<table>
<thead>
<tr>
<th>ELCODE: IIHYM35110</th>
<th>Taxonomic Serial No.: 654290</th>
</tr>
</thead>
</table>

*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 |

**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 km²

*Occupancy 4 km² 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
