



Alaska Natural Heritage Program

Conservation Status Report

Andrena clarkella (Kirby, 1802)

Common Name:

ELCODE: IIHYM35070

Taxonomic Serial No.: 654227

Synonyms: *Melitta clarkella* Kirby, 1802; *Andrena dispar* Zetterstedt, 1838; *Andrena bicolor* Lepeletier, 1841

Taxonomy Notes:

Report last updated - May 2, 2019

Conservation Status

GNR S2S3

Occurrences, Range

Number of Occurrences: 7 element occurrences. 22 museum and observation records (University of Alaska Museum Insect Collection, USDA-ARS Bee Biology and Systematics Laboratory, Kansas State Univ., iNaturalist = verified by expert John Ascher)

AK Range Extent: 17,000 km²

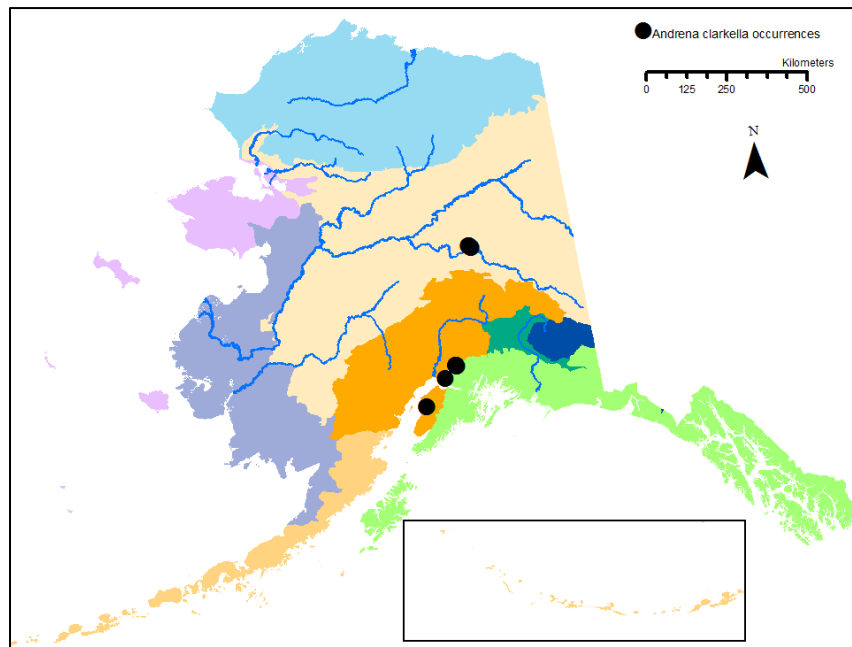
Occupancy 4 km² grid cells: 5 grid cells occupied

Nowacki Ecoregions:

Alaska Range Transition
and Intermontane Boreal

North American

Distribution: Occurs sporadically across Canada with concentrations near the southern U.S./Canada border. In the U.S., concentrates in north eastern states such as New York and Vermont. Also found in Colorado.



Trends

Short-term: N/A, insufficient data

Long-term: N/A, insufficient data

Threats

Scope and Severity: All known occurrences have been found in population centers and roadside. Majority were found within agriculture settings, which has increased risk of pesticide exposure. Within city limits, general anthropogenic disturbance such as roadkill potential, habitat loss, and pesticide exposure.

Comments: Rarity factors favor S2, while incorporating an unknown threat severity lowers rank. Likely under sampled taxa with large distribution.

Ecology

Habitat: In Alaska, found on flood plains and willow thickets. Most occurrences found within agriculture and city settings. One found in a sandy burrow of a parking lot.

Host Plants: *Salix interior*, *Salix lasiandra*

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).