



# Alaska Natural Heritage Program

## Conservation Status Report

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*Bombus vagans* Smith, 1854

**Common Name:** Half-black Bumble Bee

<b>ELCODE:</b> IIHYM24030	<b>Taxonomic Serial No.:</b> 714845
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*Synonyms:* *Pyrobombus vagans* Smith, 1854

*Taxonomy Notes:* Note that one of these 2 specimens from University of Alaska Museum Insect Collection was DNA barcoded and that suggested it had been initially misidentified. The DNA barcode data suggest that specimen is *B. flavifrons*. This historic (1958) specimen was identified by D. Sikes on April 2020 as *B. flavifrons*. Taxon does not occur in Alaska.

***Report last updated*** – November 10, 2020

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### Conservation Status

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### Occurrences, Range

*Number of Occurrences:* 1; number of museum records: 1 (University of Alaska Museum Insect Collection).

*AK Range Extent:* N/A

*North American Distribution:* Primarily eastern U.S. and Great Plains into Canadian Great Plains. Scattered occurrences into Alberta and British Columbia and Pacific Northwest.

### Trends

*Short-term:* Unknown, insufficient data.

*Long-term:* Unknown, insufficient data.

### Threats

*Scope and Severity:* Unknown

### Ecology

*Habitat:* forests, wetlands, urban areas

*Known Alaskan Floral Associates:* unknown

*Nesting behavior:* Usually underground but sometimes found above ground



*Parasitism:* Unknown species that occur in Alaska.

## Literature

Pampell, R., Sikes, D., Pantoja, A., Holloway, P., Knight, C., Ranft, R. (2015) Bumble Bees (Hymenoptera: Apidae: *Bombus* spp.) of interior Alaska: Species composition, distribution, seasonal biology, and parasites. Biodiversity Data Journal 3: e5085. doi: 10.3897/BDJ.3.e5085

Williams, P. H., Thorp, R. W., Richardson, L. L., & Colla, S. R. (2014). Bumble bees of North America: an identification guide. Princeton University Press.

University of Alaska Museum Insect Collection. <http://dx.doi.org/doi:10.7299/X75D8S0H>. (Records Accessed 10th November 2020).