Bombus bohemicus

- Present
- Presence Expected
- Historical

NatureServe Canada

Ecosystem-based Automated Range (EBAR)

Date Generated: March 5, 2024; Version: 1.0; Stage: Expert Reviewed (National); Scope: Canadian

Synonyms Used: Bombus ashtoni

0 575 1,150 km

Map centre: 90.7432°W 57.322°N

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EBAR is relatively coarse scale data and not intended for all applications and analysis. Please see full disclaimer in metadata.

Input Records - 170 ACCDC Observations, 22 BC Non-sensitive Element Occurrences, 4 Bumble Bee Watch, 781 Bumble Bees of North America, 24 GBIF, 111 iNaturalist.ca, 4 iNaturalist.ca (original coordinates for obscured records), 76 iNaturalist.org, 1 Living Prairie Museum, 20 MB Element Occurrences, 18 MB Source Feature Polygons, 93 ON Element Occurrences, 345 ON Observations and Source Features, 28 Royal British Columbia Museum, 12 SK Element Occurrences, 15 YT Element Occurrences, 4 YT Source Feature Points; Expert Reviews - Jeff Ogden, Jessica Petersen, Joel Gibson... (see metadata for additional input details)

Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name:	*Bombus bohemicus* Seidl, 1837
Scientific Name Reference:	Williams, P.H., R.W. Thorp, L.L. Richardson, and S.R. Colla. 2014b. Bumble bees of North America: an Identification Guide. Princeton University Press. 208 pp.
National English Name:	Ashton Cuckoo Bumble Bee
National French Name:	Bourbon d'Ashton; Bourdon bohémien
Element National ID:	946806
Element Global ID:	946793 (go to NatureServe Explorer)
Element Code:	IIHYM24510
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	1232

Rank/Status

Global Rank:	G3G5 (reviewed April 09, 2018)
National Rank (Canada):	N2N3 (reviewed 2023)
Subnational Ranks (Canada):	AB=S1, BC=S1S2, LB=SU, MB=S1, NB=S1, NF=S1?, NS=S1, NT=S2S3, ON=S1S2, PE=S1?, QC=SH, SK=S1, YT=S2
National Rank (United States):	N1 (reviewed 2018)
Subnational Ranks (United States):	AK=S3, CA=SNR, CT=SX, DE=SNR, IA=SNR, ID=SNR, IL=SNR, IN=S1, MA=SH, MD=SH, ME=S1, MI=SH, MN=SNR, MT=SNR, ND=SNR, NH=SH, NJ=SNR, NY=SH, OH=SNR, OR=SNR, PA=SH, UT=SNR, VA=S1, VT=SNR, WA=SNR, WI=SNR, WV=SH, WY=SNA
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Endangered/En voie de disparition (May 30, 2018)
Canadian COSEWIC Status:	Endangered (May 02, 2014)
US ESA Status:	None

Range Map

Date Generated:	March 05, 2024
Version:	1.0
Stage:	Expert Reviewed (National)
Scope:	Canadian
Metadata:	Primary Species - *Bombus bohemicus* Seidl, 1837; Synonyms - *Bombus ashtoni* (Cresson, 1864) Input Records - 170 ACCDC Observations, 22 BC Non-sensitive Element Occurrences, 4 Bumble Bee Watch, 781 Bumble Bees of North America, 24 GBIF, 111 iNaturalist.ca, 4 iNaturalist.ca (original coordinates for obscured records), 76 iNaturalist.org, 1 Living Prairie Museum, 20 MB Element Occurrences, 18 MB Source Feature Polygons, 93 ON Element Occurrences, 345 ON Observations and Source Features, 28 Royal British Columbia Museum, 12 SK Element Occurrences, 15 YT Element Occurrences, 4 YT Source Feature Points; Expert Reviews - Jeff Ogden, Jessica Petersen, Joel Gibson, Mack Frantz, Jason Gibbs, Justin Fulkerson, Lisa Neame, Logan Rowe, Amanda Liczner, Beth Swartz, Syd Cannings, 1 Anonymous
Comments:	None Please see spatial data for Ecoshape-level reviewer comments.
Disclaimer:	Please review our methods document before using EBAR. EBAR range data are relatively coarse scale and appropriate for screening and education purposes, but are not intended for all types of applications and analysis.

The absence of data in any geographic areas does not necessarily mean that a species is not present.

An ecoshape with a presence value does not necessarily mean that a species is present throughout the entire geographic area.

Presence Definitions: (Please see Comments above for any exceptions)

Present - the species is found within the ecoshape based on species observation data, Element Occurrences, Source Features, Canadian Federal Critical Habitat, or expert opinion.

Presence Expected - expert opinion the species may be present, or the ecoshape overlapped with a range estimate or a habitat suitability model.

Historical - all species occurrence data within the ecoshape contains observation data greater than 40 years old or an Element Occurrence (EO) that was ranked as Extirpated or Historical (EO Rank of H, H?, X or X?).

Usage Type Definitions: (Please see Comments above for any exceptions)

Breeding - the species is thought to breed within the ecoshape based on eBird Breeding and Behaviour Codes or expert opinion.

Possible Breeding - the species is probably or possibly breeding within the ecoshape based on eBird, BBA or jurisdiction Breeding and Behaviour Codes, or on expert opinion.

Map Projection: North America Albers Equal Area Conic (WKID 4269)

Credits

Suggested Citation: NatureServe Canada, 2020. Ecosystem-based Automated Range (EBAR) for Bombus bohemicus, Version 1.0, Expert Reviewed (National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]

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Project Website: www.natureserve.org/canada/ebar

Contact: ebar-kba@natureserve.ca

Input References:

ACCDC Observations - Atlantic Canada Conservation Data Centre
BC Non-sensitive Element Occurrences - British Columbia Conservation Data Centre
Bumble Bee Watch - The Xerces Society, Wildlife Preservation Canada, York University, University of Ottawa, The Montreal Insectarium, The London Natural History Museum, BeeSpotter. 2020. Data accessed from Bumble Bee Watch, a collaborative website to track and conserve North America's bumble bees. Available from http://www.bumblebeewatch.org/app/#/bees/lists (accessed *11 February 2020*)
Bumble Bees of North America - Richardson, L. L. 2019. Bumble bees of North America occurrence records database. www.leifrichardson/bbna. Data accessed 11-21-2019.
GBIF - Global Biodiversity Information Facility
iNaturalist.ca - California Academy of Sciences and the National Geographic Society
iNaturalist.ca (original coordinates for obscured records) - California Academy of Sciences and the National Geographic Society
iNaturalist.org - California Academy of Sciences and the National Geographic Society
Living Prairie Museum - Sarah Semmler, Museum Director, Living Prairie Museum, Naturalist Services Branch, Public Works Department, City of Winnipeg
MB Element Occurrences - Manitoba Conservation Data Centre
MB Source Feature Polygons - Manitoba Conservation Data Centre
ON Element Occurrences - Natural Heritage Information Centre, Ontario Ministry of Natural Resources and Forestry
ON Observations and Source Features - Natural Heritage Information Centre, Ontario Ministry of Natural Resources and Forestry
Royal British Columbia Museum - RBCM (https://royalbcmuseum.bc.ca/)
SK Element Occurrences - Saskatchewan Conservation Data Centre
YT Element Occurrences - Yukon Conservation Data Centre
YT Source Feature Points - Yukon Conservation Data Centre

Reviewers by Taxa:

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