Bombus terricola

- Present
- Presence Expected
- Historical

NatureServe Canada

Ecosystem-based Automated Range (EBAR)

Date Generated: March 11, 2024; Version: 1.0; Stage: Expert Reviewed (National); Scope: Canadian

Synonyms Used: None

0 550 1,100 km

Map centre: 89.433°W 56.558°N

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Input Records - 2 AB Element Occurrences, 2 AB Source Feature Polygons, 1945 ACCDC Observations, 89 BISON, 1 Brock Bee Lab, Brock University, 363 Bumble Bee Watch, 8031 Bumble Bees of North America, 43 Canadian Wildlife Service, 2977 GBIF, 196 iDigBio, 3533 iNaturalist.ca, 91 iNaturalist.ca (original coordinates for obscured records), 787 iNaturalist.org, 5 Living Prairie Museum, 150 MB Element Occurrences, 1 MB Source Feature Points, 165 MB Source Feature Polygons, 1 MT Ranges, 210 ON Element Occurrences, 5153 ON Observations and Source Features, 33 Royal British ... (see metadata for additional input details)

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

Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name:	*Bombus terricola* Kirby, 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:	Yellow-banded Bumble Bee
National French Name:	Bourdon terricole; Bourdon à bandes jaunes
Element National ID:	806568
Element Global ID:	806567 (go to NatureServe Explorer)
Element Code:	IIHYM24220
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	1288

Rank/Status

Global Rank:	G3G4 (reviewed April 07, 2018)
National Rank (Canada):	N4? (reviewed 2020)
Subnational Ranks (Canada):	AB=S4, BC=S3S4, LB=SU, MB=S3S5, NB=S4, NF=S3S4, NS=S3, NT=S3, ON=S3S5, PE=S3, QC=SNR, SK=S3S5, YT=S3
National Rank (United States):	NU (reviewed 2010)
Subnational Ranks (United States):	CO=SNR, CT=S1S2, GA=SNR, ID=SNR, IL=SX, IN=SH, MA=S2S3, MD=S1, ME=S3, MI=S2S3, MN=SNR, MS=SNR, MT=SNR, NC=S3S4, ND=SNR, NE=SNR, NH=SNR, NJ=SNR, NY=S3, OH=SNR, PA=SNR, RI=SNR, SD=SNR, TN=SNR, UT=SNR, VA=S1, VT=S3, WA=SNR, WI=S1, WV=S2S3, WY=SNR
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Special Concern/Préoccupante (May 30, 2018)
Canadian COSEWIC Status:	Special Concern (May 01, 2015)
US ESA Status:	None

Range Map

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Stage:	Expert Reviewed (National)
Scope:	Canadian
Metadata:	Primary Species - *Bombus terricola* Kirby, 1837 Input Records - 2 AB Element Occurrences, 2 AB Source Feature Polygons, 1945 ACCDC Observations, 89 BISON, 1 Brock Bee Lab, Brock University, 363 Bumble Bee Watch, 8031 Bumble Bees of North America, 43 Canadian Wildlife Service, 2977 GBIF, 196 iDigBio, 3533 iNaturalist.ca, 91 iNaturalist.ca (original coordinates for obscured records), 787 iNaturalist.org, 5 Living Prairie Museum, 150 MB Element Occurrences, 1 MB Source Feature Points, 165 MB Source Feature Polygons, 1 MT Ranges, 210 ON Element Occurrences, 5153 ON Observations and Source Features, 33 Royal British Columbia Museum, 26 SK Element Occurrences; Expert Reviews - Elisha Mueller, Mark Ferguson, Dan Bachen, Nicole Gerjets, Beth Swartz, Lisa Neame, Hannah Levenson, Elsa Youngsteadt, Mack Frantz, Justin Fulkerson, Allan Harris, Mack Frantz, Logan Rowe, Amanda Liczner, Syd Cannings, 9 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 terricola, 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:

AB Element Occurrences - Alberta Conservation Information Management System, Alberta Environment and Parks, Edmonton
AB Source Feature Polygons - Alberta Conservation Information Management System, Alberta Environment and Parks, Edmonton
ACCDC Observations - Atlantic Canada Conservation Data Centre
BISON - United States Geological Survey
Brock Bee Lab, Brock University - Brock Bee Lab, Brock University, pers. comm 2022
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.
Canadian Wildlife Service - Canadian Wildlife Service, Quebec Region, Environment and Climate Change Canada, Government of Canada. Service canadian de la faune, Région du Québec, Environnement et Changement climatique Canada, Gouvernement du Canada.
GBIF - Global Biodiversity Information Facility
iDigBio - Integrated Digital Biocollection
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 Points - Manitoba Conservation Data Centre
MB Source Feature Polygons - Manitoba Conservation Data Centre
MT Ranges - Montana Natural Heritage Program
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

Reviewers by Taxa:

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