

Danaus plexippus

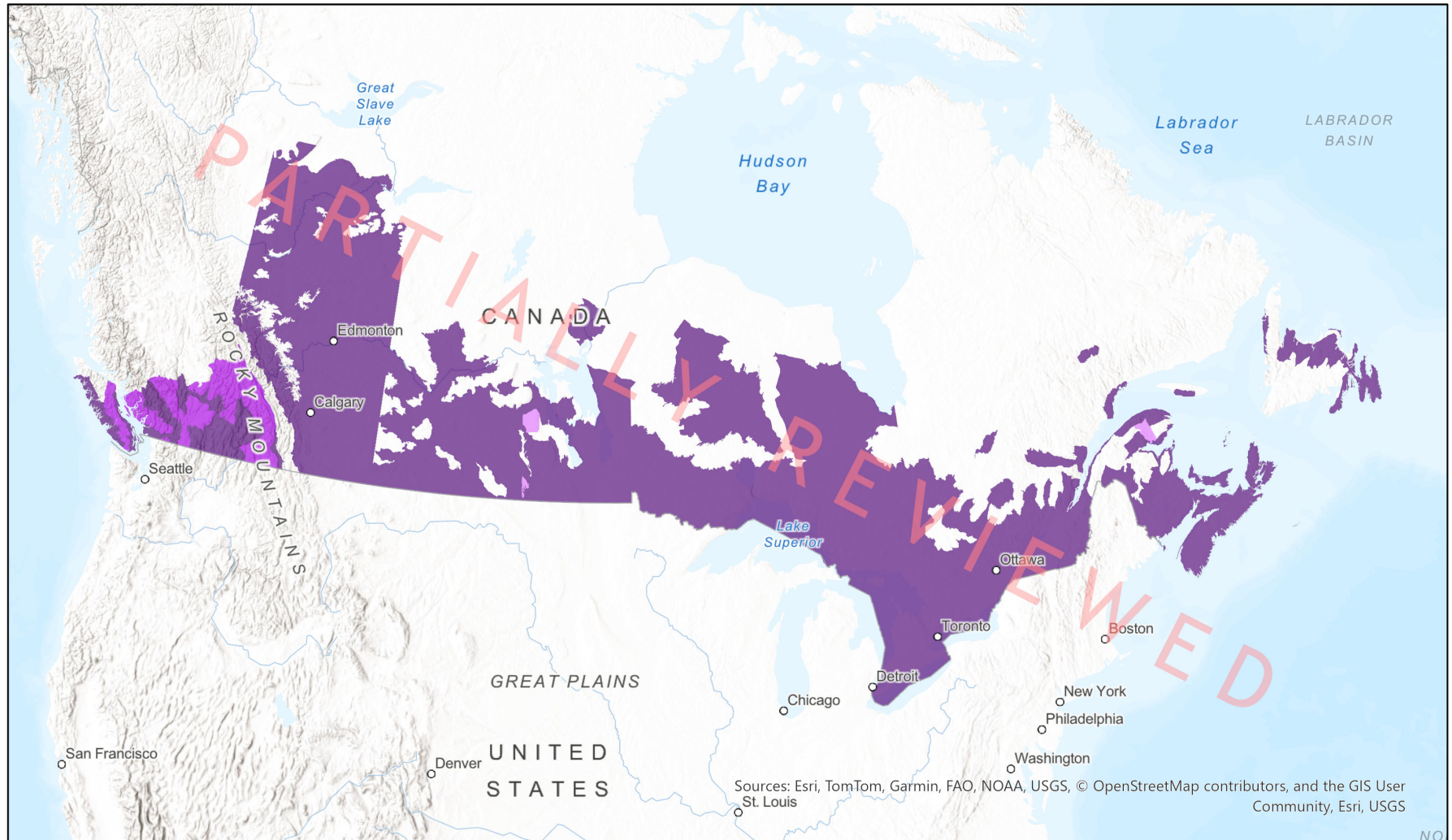


- Present
- Presence Expected
- Historical
- Breeding
- Possible Breeding

Ecosystem-based Automated Range (EBAR)

Date Generated: December 14, 2022; Version: 1.0; Stage: BC Expert Reviewed; Scope: Canadian

Synonyms Used: None



0 500 1,000 km

Map centre: 89.4253° O 51.5279° 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 - 2 8Trees, 1548 ACCDC Observations, 330 BAMONA, 1144 BISON, 18521 GBIF, 49 iDigBio, 23348 iNaturalist.ca, 2 Living Prairie Museum, 184 MB Element Occurrences, 3 MB Source Feature Lines, 165 MB Source Feature Points, 144 MB Source Feature Polygons, 8888 Mission Monarch, 4 MT Ranges, 16 ON Element Occurrences, 6075 ON Observations and Source Features, 6012 ON Observations not in Biotics, 12 Peabody Museum of Natural History, 5 Royal British Columbia Museum, 172 SK Element Occurrences, 93 SK Source Feature Points, 47 SK Source Feature Polygons, 7282 Tri... (see metadata for additional input details)

Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name:	<i>Danaus plexippus</i> (Linnaeus, 1758)
Scientific Name Reference:	Pelham, J.P. 2023. A catalogue of the butterflies of the United States and Canada. Revised 15 February 2023. http://butterfliesofamerica.com/US-Can-Cat.htm
National English Name:	Monarch
National French Name:	Monarque
Element National ID:	175316
Element Global ID:	108245 (go to NatureServe Explorer)
Element Code:	IILEPP2010
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	294
English COSEWIC Common Name:	Monarch
French COSEWIC Common Name:	Monarque

Rank/Status

Global Rank:	G4 (reviewed March 20, 2025)
National Rank (Canada):	N3B,NUM (reviewed 2023)
Subnational Ranks (Canada):	AB=S2B,SNRM, BC=S1?B, MB=S3S4B, NB=S2S3B, NS=S2?B,S3M, NT=SNR, ON=S4B,S2N, PE=S1B, QC=S2S3B, SK=S2B,SNRM
National Rank (United States):	N5B,N2N3N (reviewed 2003)
Subnational Ranks (United States):	AL=S5, AR=S5B, AZ=S2S4N, CA=SNR, CO=S4, CT=S5, DC=S4B, DE=S5, FL=S4, GA=S4, HI=SNA, IA=S5B, ID=S2B, IL=S5, IN=S4S5B, KS=S5B, KY=SNR, LA=S4, MA=S5, MD=S3B, ME=S3S4B, MI=S5, MN=S5B, MO=S5, MS=S5B, MT=S2S3, NC=S4, ND=S5B, NE=S2, NH=S5, NJ=S3, NM=S3, NN=S3, NV=S3B, NY=S5, OH=S5, OK=SNR, OR=S4B, PA=S2S4B, RI=SNA, SC=S4, SD=SNA, TN=S4, TX=S4B,S4N, UT=S2, VA=SU, VT=S1S3B, WA=S1B, WI=S3S4, WV=S3B, WY=S2
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Endangered/En voie de disparition (June 05, 2003)
Canadian COSEWIC Status:	Endangered
US ESA Status:	None

Range Map

Date Generated:	December 14, 2022
Version:	1.0
Stage:	BC Expert Reviewed
Scope:	Canadian
Metadata:	Primary Species - <i>Danaus plexippus</i> (Linnaeus, 1758); Secondary Species - <i>Danaus plexippus plexippus</i> (Linnaeus, 1758), <i>Danaus plexippus pop. 1</i> , <i>Danaus plexippus pop. 2</i> Input Records - 2 8Trees, 1548 ACCDC Observations, 330 BAMONA, 1144 BISON, 18521 GBIF, 49 iDigBio, 23348 iNaturalist.ca, 2 Living Prairie Museum, 184 MB Element Occurrences, 3 MB Source Feature Lines, 165 MB Source Feature Points, 144 MB Source Feature Polygons, 8888 Mission Monarch, 4 MT Ranges, 16 ON Element Occurrences, 6075 ON Observations and Source Features, 6012 ON Observations not in Biotics, 12 Peabody Museum of Natural History, 5 Royal British Columbia Museum, 172 SK Element Occurrences, 93 SK Source Feature Points, 47 SK Source Feature Polygons, 7282 Trinational Monarch Knowledge Network; Expert Reviews - 1 Anonymous
Comments:	This range has been partially reviewed. The following jurisdictions have been reviewed: British Columbia.
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?), or expert opinion that the species is extirpated or historical.

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, 2026. Ecosystem-based Automated Range (EBAR) for *Danaus plexippus*, Version 1.0, BC Expert Reviewed (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]

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Project Website:

www.natureserve.org/canada/ebars

Contact:

ebars-kba@natureserve.ca

Input References:

8Trees - [8Trees Inc. 2021](#)
ACCDC Observations - [Atlantic Canada Conservation Data Centre](#)
BAMONA - [Lotts, Kelly and Thomas Naberhaus, coordinators. 2017. Butterflies and Moths of North America. Data set exported 2020-06-17 at http://www.butterfliesandmoths.org/. Acknowledgment: Data were provided by the Butterfly and Moth Information Network and the many participants who contribute to its Butterflies and Moths of North America project.](#)
BISON - [United States Geological Survey](#)
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](#)
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 Lines - Manitoba Conservation Data Centre
MB Source Feature Points - Manitoba Conservation Data Centre
MB Source Feature Polygons - Manitoba Conservation Data Centre
Mission Monarch - Larrivee M, Prudic KL, McFarland K, Drapeau Picard AP, Charest S and Kerr J. 2018. Mission Monarch: a citizen-based monarch and milkweed database in the biological sciences. <http://www.mission-monarch.org>
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
Peabody Museum of Natural History - Lawrence F. Gall, Entomology Collections Manager, Peabody Museum of Natural History, Yale University
Royal British Columbia Museum - [RBCM \(https://royalbcmuseum.bc.ca/\)](https://royalbcmuseum.bc.ca/)
SK Element Occurrences - Saskatchewan Conservation Data Centre
SK Source Feature Points - Saskatchewan Conservation Data Centre
SK Source Feature Polygons - Saskatchewan Conservation Data Centre
Trinational Monarch Knowledge Network - [Data accessed from the Trinational Monarch Knowledge Network. https://www.birdscanada.org/birdmon/tmkn/main.jsp Accessed: 2021-10-01.](#)

Reviewers by Taxa:

[Reviewers by Taxa](#)