

Myotis septentrionalis

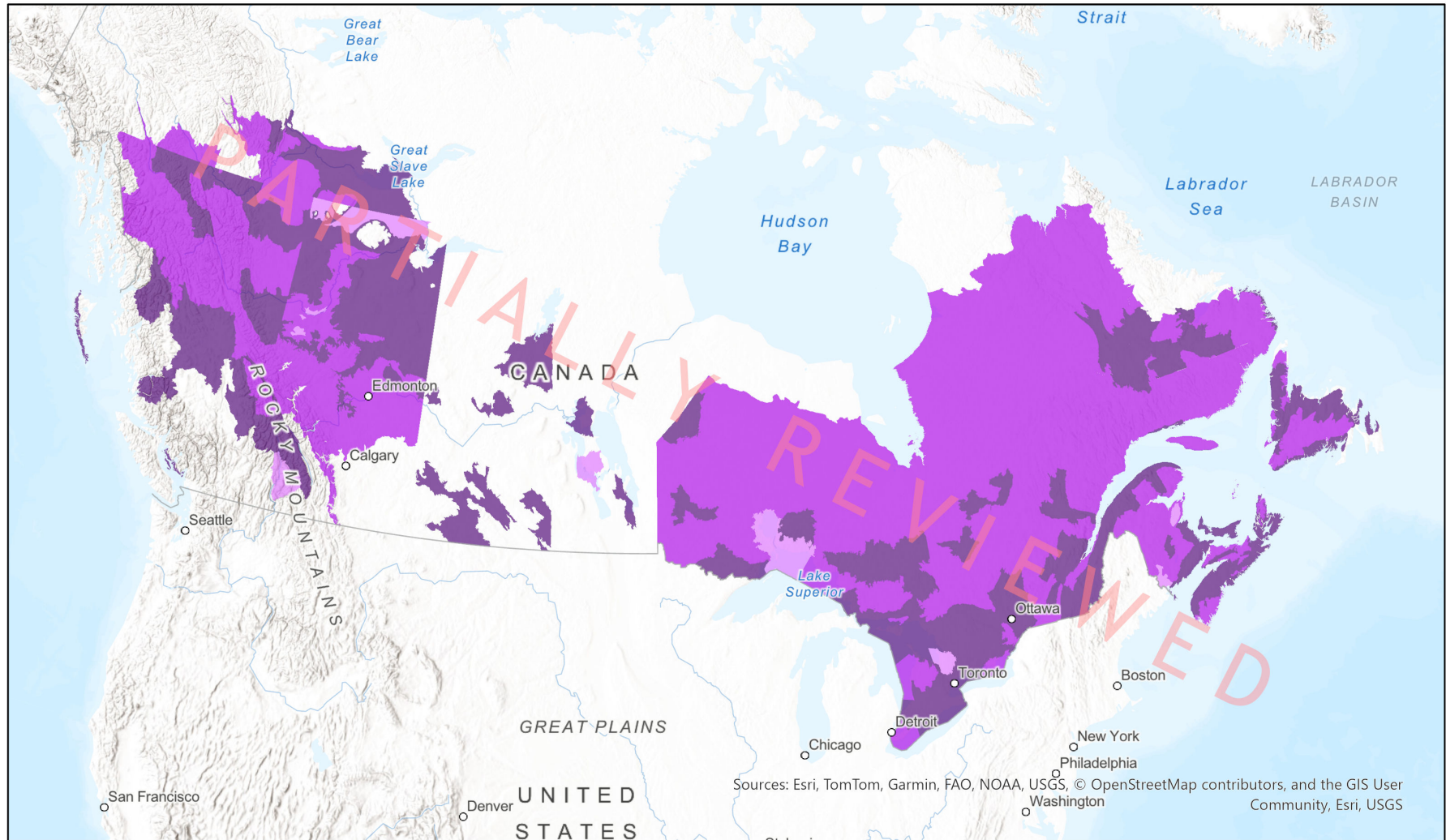


- Present
- Presence Expected
- Historical

Ecosystem-based Automated Range (EBAR)

Date Generated: November 18, 2024; Version: 1.0; Stage: Expert Reviewed (Partially Reviewed - National); Scope: Canadian

Synonyms Used: Myotis keenii septentrionalis



0 500 1,000 km
Map centre: 90.732°O 53.4341°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 - 327 ACCDC Observations, 62 ACCDC Sensitive Observations, 15 BC Non-sensitive Element Occurrences, 677 BC Secured Survey Observations, 14 BC Secured Telemetry Observations, 1 BC Sensitive Element Occurrences, 646 BC Survey Observations, 14 BC Telemetry Observations, 10 BISON, 2365 FWMIS, 129 GBIF, 78 iDigBio, 16 iNaturalist.ca (original coordinates for obscured records), 5 iNaturalist.org, 6 MB Element Occurrences, 8 MB Source Feature Polygons, 45 ON Element Occurrences, 1243 ON Observations and Source Features, 96 QC Données d'observation de chauves... (see metadata for additional input details)

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, USGS

Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name:	<i>Myotis septentrionalis</i> (Trovessart, 1897)
Scientific Name Reference:	American Society of Mammalogists (ASM). 2022. Mammal Diversity Database (MDD) (Version 1.10). https://doi.org/10.5281/zenodo.7394529
National English Name:	Northern Myotis
National French Name:	Chauve-souris nordique; Vespertilion nordique
Element National ID:	162605
Element Global ID:	102615 (go to NatureServe Explorer)
Element Code:	AMACC01150
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	1175
English COSEWIC Common Name:	Northern Myotis
French COSEWIC Common Name:	Chauve-souris nordique

Rank/Status

Global Rank:	G2G3 (reviewed December 02, 2021)
National Rank (Canada):	N2N4B,NNRN,NNRM (reviewed 2018)
Subnational Ranks (Canada):	AB=S2S3, BC=S2S3, LB=S1S3, MB=S3S4N,S4B, NB=S1, NF=S1S3, NS=S1, NT=S2S3, ON=S3, PE=S1, QC=S1, SK=S3, YT=S3B
National Rank (United States):	NNR
Subnational Ranks (United States):	AL=S2, AR=S1S2, CT=S1, DC=S4, DE=S1, FL=SH, GA=S1, IA=S4, IL=S1?, IN=S1, KS=S3, KY=S1, LA=S1, MA=S1S2, MD=S1, ME=S1S2, MI=S1, MN=S3, MO=S1, MS=S1, MT=S1S2, NC=S2, ND=SU, NE=S1S2, NH=S1, NJ=S1, NY=S1, OH=S1, OK=S2, PA=S1, RI=S2, SC=S1, SD=S2, TN=S1S2, VA=S1S3, VT=S1, WI=S1, WV=S1, WY=S1B,S1N
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Endangered/En voie de disparition (November 26, 2014)
Canadian COSEWIC Status:	Endangered
US ESA Status:	None

Range Map

Date Generated:	November 18, 2024
Version:	1.0
Stage:	Expert Reviewed (Partially Reviewed - National)
Scope:	Canadian
Metadata:	Primary Species - <i>Myotis septentrionalis</i> (Trovessart, 1897); Synonyms - <i>Myotis keenii septentrionalis</i> (Trouessart, 1897) Input Records - 327 ACCDC Observations, 62 ACCDC Sensitive Observations, 15 BC Non-sensitive Element Occurrences, 677 BC Secured Survey Observations, 14 BC Secured Telemetry Observations, 1 BC Sensitive Element Occurrences, 646 BC Survey Observations, 14 BC Telemetry Observations, 10 BISON, 2365 FWMIS, 129 GBIF, 78 iDigBio, 16 iNaturalist.ca (original coordinates for obscured records), 5 iNaturalist.org, 6 MB Element Occurrences, 8 MB Source Feature Polygons, 45 ON Element Occurrences, 1243 ON Observations and Source Features, 96 QC Données d'observation de chauves-souris issues du réseau de suivi de la biodiversité, 96 QC Element Occurrences, 963 QC Mammals, Amphibians, and Reptiles Observation Points, 887 QC MMACH Bat Observations, 252 QC Ranges of Vertebrates, 3 SK Element Occurrences, 32 SK Source Feature Polygons, 30 VertNet, 2 YT Element Occurrences, 2 YT Source Feature Points; Expert Reviews - Cori Lausen, Pierre-Andre Bernier, Mike Burrell, Brian Slough, Jordi Segers, Cori Lausen, Joanna Wilson, 4 Anonymous
Comments:	This range has been partially reviewed. The following jurisdictions have been reviewed: Ontario, Quebec, British Columbia, Yukon Territory, New Brunswick, Nova Scotia, Newfoundland and Labrador.

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 *Myotis septentrionalis*, Version 1.0, Expert Reviewed (Partially Reviewed - National) (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:

ACCDC Observations - [Atlantic Canada Conservation Data Centre](#)
ACCDC Sensitive Observations - [Atlantic Canada Conservation Data Centre](#)
BC Non-sensitive Element Occurrences - [British Columbia Conservation Data Centre](#)
BC Secured Survey Observations - [British Columbia Conservation Data Centre](#)
BC Secured Telemetry Observations - [British Columbia Conservation Data Centre](#)
BC Sensitive Element Occurrences - [British Columbia Conservation Data Centre](#)
BC Survey Observations - [British Columbia Conservation Data Centre](#)
BC Telemetry Observations - [British Columbia Conservation Data Centre](#)
BISON - [United States Geological Survey](#)
FWMIS - Fish and Wildlife Management Information System (FWMIS), Alberta Environment and Parks.
GBIF - [Global Biodiversity Information Facility](#)
GBIF - [GBIF Occurrence Download https://doi.org/10.15468/dl.e3ax32](https://doi.org/10.15468/dl.e3ax32) Accessed from R via rgbif (<https://github.com/ropensci/rgbif>) on 2024-06-21
iDigBio - [Integrated Digital Biocollection](#)
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](#)
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
QC Données d'observation de chauves-souris issues du réseau de suivi de la biodiversité - Ministère de l'Environnement, de la Lutte aux changements climatiques, de la Faune et des Parcs © Gouvernement du Québec
QC Element Occurrences - Centre de Données sur le Patrimoine Naturel du Québec
QC Mammals, Amphibians, and Reptiles Observation Points - Ministère de l'Environnement, de la Lutte aux changements climatiques, de la Faune et des Parcs © Gouvernement du Québec
QC MMACH Bat Observations - Ministère de l'Environnement, de la Lutte aux changements climatiques, de la Faune et des Parcs © Gouvernement du Québec
QC Ranges of Vertebrates - [Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs. Aires de répartition des mammifères terrestres, des reptiles, des amphibiens et des poissons d'eau douce, \[Jeu de données\], dans Données Québec, 2021, mis à jour le 11 septembre 2023. \[https://www.donneesquebec.ca/recherche/dataset/aires-de-repartition-faune\], \(consulté le 23 avril 2024\).](#)
SK Element Occurrences - Saskatchewan Conservation Data Centre
SK Source Feature Polygons - Saskatchewan Conservation Data Centre
VertNet - [National Science Foundation](#)
YT Element Occurrences - Yukon Conservation Data Centre
YT Source Feature Points - Yukon Conservation Data Centre

Reviewers by Taxa:

[Reviewers by Taxa](#)