

Myotis lucifugus

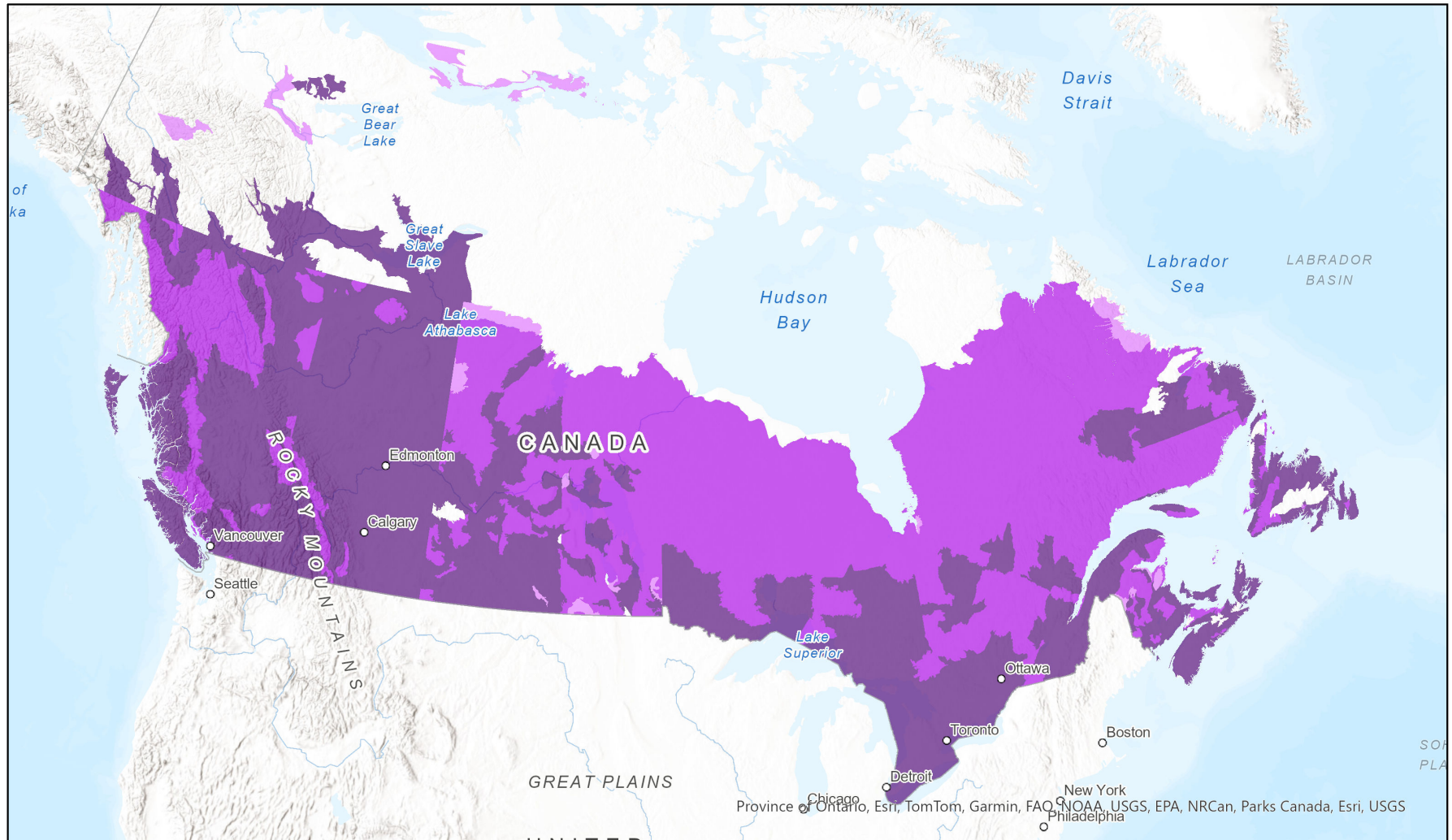


- Present
- Presence Expected
- Historical

Ecosystem-based Automated Range (EBAR)

Date Generated: March 28, 2025; Version: 1.0; Stage: Expert Reviewed (National); Scope: Canadian

Synonyms Used: None



0 520 1,040 km Input Records - 240 ACCDC Observations, 163 ACCDC Sensitive Observations, 149080 BC Secured Survey Observations, 25 BC Secured Telemetry Observations, 147663 BC Survey Observations, 25 BC Telemetry Observations, 131 BISON, 397 ECC Critical Habitat, 22494 FWMIS, 1535 GBIF, 664 iDigBio, 30 iNaturalist.ca, 302 iNaturalist.ca (original coordinates for obscured records), 37 iNaturalist.org, 14 MB Element Occurrences, 22 MB Source Feature Polygons, 18 MT Animal Occurrences, 4 MT Ranges, 162 ON Element Occurrences, 38256 ON Observations and Source Features, 605 QC Donnée... (see metadata for additional input details)

Map centre: 90.5099° W 55.8871° 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.

Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name:	<i>Myotis lucifugus</i> (Le Conte, 1831)
Scientific Name Reference:	Bradley, R.D., L.K. Ammerman, R.J. Baker, L.C. Bradley, J.A. Cook, R.C. Dowler, C. Jones, D.J. Schmidly, F.B. Stangl Jr., R.A. Van den Bussche and B. Würsig. 2014. Revised checklist of North American mammals north of Mexico, 2014. Museum of Texas Tech University Occasional Papers 327:1-28. Available at: http://www.nsrll.ttu.edu/publications/opapers/ops/OP327.pdf
National English Name:	Little Brown Myotis
National French Name:	Petite chauve-souris brune; Vespertilion brun
Element National ID:	164364
Element Global ID:	100473 (go to NatureServe Explorer)
Element Code:	AMACC01010
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	1173

Rank/Status

Global Rank:	G3G4 (reviewed June 28, 2024)
National Rank (Canada):	N2N4B,NNRN,NNRM (reviewed 2018)
Subnational Ranks (Canada):	AB=S3S4B,SNRN,SNRM, BC=S3S4, LB=S1S3, MB=S2N,S5B, NB=S1, NF=S1S3, NS=S1, NT=S3S4, ON=S3, PE=S1, QC=S1, SK=S4B,S4N, YT=S3B
National Rank (United States):	N3 (reviewed 2012)
Subnational Ranks (United States):	AK=S3, AL=S3, AR=S1, CA=SNR, CO=S4, CT=S1, DC=S4, DE=S1, FL=SNR, GA=S1, IA=S4, ID=S3, IL=S5, IN=S2, KS=S3, KY=S2, MA=S2S3, MD=S1, ME=S5, MI=S1, MN=S3, MO=S2, MS=SH, MT=S3, NC=S2, ND=SNR, NE=SNR, NH=S1, NJ=S1, NV=S2S3, NY=S1S2, OH=S1, OK=S1, OR=S3, PA=S1, RI=S5, SC=S2, SD=S5, TN=S3, UT=S3, VA=S1S3, VT=S1, WA=S3, WI=S2S4, WV=S1, WY=S5
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Endangered/En voie de disparition (November 26, 2014)
Canadian COSEWIC Status:	Endangered (November 01, 2013)
US ESA Status:	None

Range Map

Date Generated:	March 28, 2025
Version:	1.0
Stage:	Expert Reviewed (National)
Scope:	Canadian
Metadata:	Primary Species - <i>Myotis lucifugus</i> (Le Conte, 1831) Input Records - 240 ACCDC Observations, 163 ACCDC Sensitive Observations, 149080 BC Secured Survey Observations, 25 BC Secured Telemetry Observations, 147663 BC Survey Observations, 25 BC Telemetry Observations, 131 BISON, 397 ECCC Critical Habitat, 22494 FWMIS, 1535 GBIF, 664 iDigBio, 30 iNaturalist.ca, 302 iNaturalist.ca (original coordinates for obscured records), 37 iNaturalist.org, 14 MB Element Occurrences, 22 MB Source Feature Polygons, 18 MT Animal Occurrences, 4 MT Ranges, 162 ON Element Occurrences, 38256 ON Observations and Source Features, 605 QC Données d'observation de chauves-souris issues du réseau de suivi de la biodiversité, 74 QC Element Occurrences, 2558 QC Mammals, Amphibians, and Reptiles Observation Points, 1404 QC MMACH Bat Observations, 304 QC Ranges of Vertebrates, 5 SK Element Occurrences, 460 SK Observation Points, 9 SK Source Feature Points, 440 SK Source Feature Polygons, 6 US Element Occurrences, 142 VertNet, 2 YT Element Occurrences, 3 YT Source Feature Polygons; Expert Reviews - Cori Lausen, Pierre-Andre Bernier, Mike Burrell, Jordi Segers, Jillian Kusch, Allan Harris, Julia Put, Jordi Segers, 7 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?), 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, 2020. Ecosystem-based Automated Range (EBAR) for <i>Myotis lucifugus</i> , Version 1.0, Expert Reviewed (National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]
License:	Ecosystem-based Automated Range (EBAR) Project, Copyright NatureServe Canada 2024 under CC BY 4.0 (creativecommons.org/licenses/by/4.0/)
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 Secured Survey Observations - British Columbia Conservation Data Centre BC Secured Telemetry Observations - 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](#)
 ECCC Critical Habitat - [Environment and Climate Change Canada](#)
 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
 GBIF - [GBIF.org \(29 June 2023\) GBIF Occurrence Download https://doi.org/10.15468/dl.ync22y](https://doi.org/10.15468/dl.ync22y)
 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](#)
 MB Element Occurrences - Manitoba Conservation Data Centre
 MB Source Feature Polygons - Manitoba Conservation Data Centre
 MT Animal Occurrences - Montana Natural Heritage Program
 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
 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 Observation Points - Saskatchewan Conservation Data Centre
 SK Source Feature Points - Saskatchewan Conservation Data Centre
 SK Source Feature Polygons - Saskatchewan Conservation Data Centre
 US Element Occurrences - NatureServe and its Natural Heritage Programs
 VertNet - [National Science Foundation](#)
 YT Element Occurrences - Yukon Conservation Data Centre
 YT Source Feature Polygons - Yukon Conservation Data Centre

Reviewers by Taxa:

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