

Lasiurus borealis

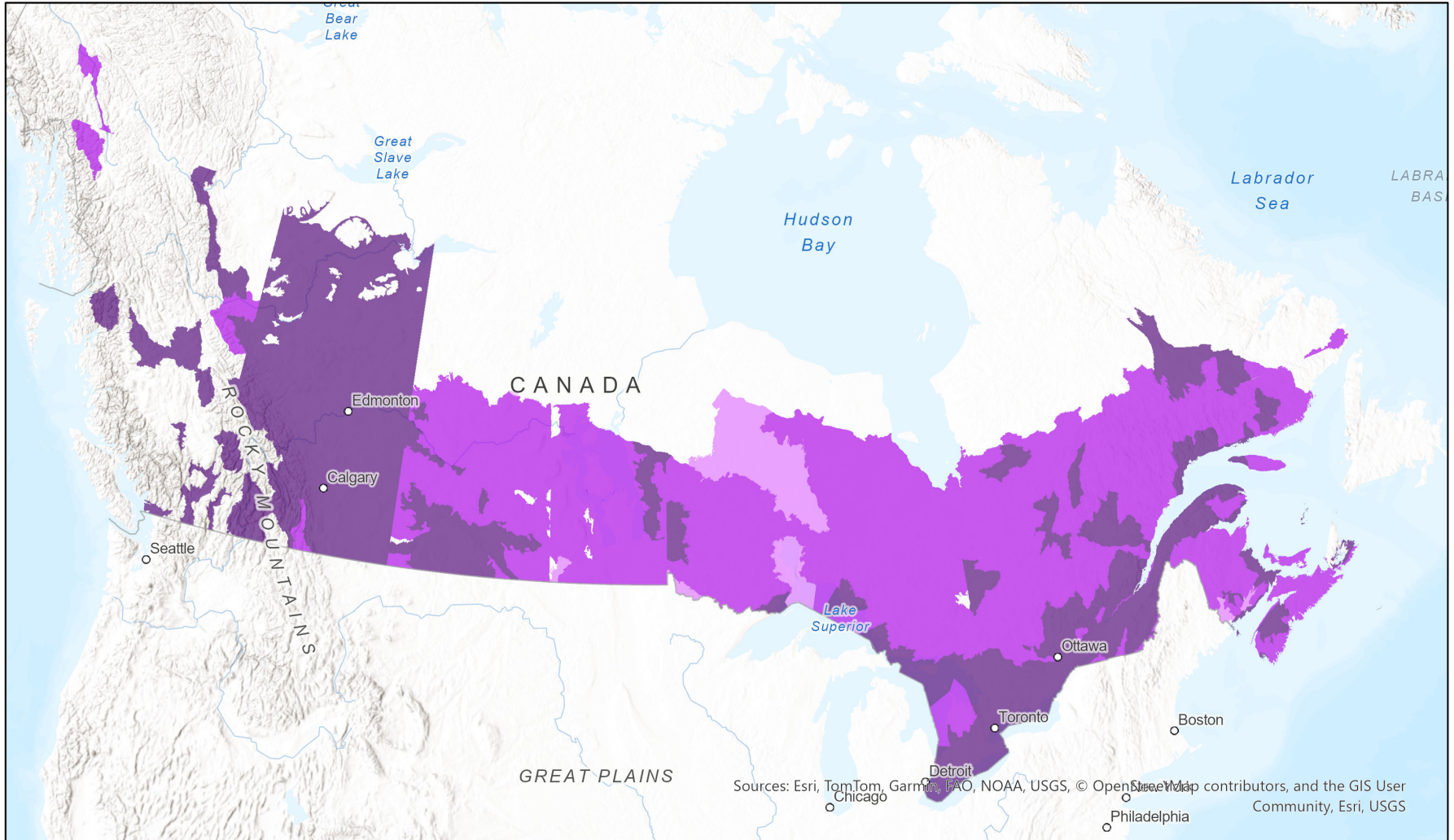


- Present
- Presence Expected
- Historical

Ecosystem-based Automated Range (EBAR)

Date Generated: March 19, 2026; Version: 1.0; Stage: Expert Reviewed (National); Scope: Canadian

Synonyms Used: None



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

0 470 940 km
Map centre: 91.6241° W 54.0178° N
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Input Records - 39 ACCDC Observations (2006-2023), 667 BC Survey Observations (2016-2021), 19223 FWMIS (2001-2024), 121 GBIF (1907-2023), 54 iDigBio (1894-1987), 169 iNaturalist.ca (1987-2025), 27 iNaturalist.ca (original coordinates for obscured records) (2016-2025), 225 ON Observations and Source Features (1989-2024), 876 QC Données d'observation de chauves-souris issues du réseau de suivi de la biodiversité (2016-2020), 1008 QC Mammals, Amphibians, and Reptiles Observation Points (1981-2022), 859 QC MMACH Bat Observations (1981-2021), 482 QC Ranges of Vertebrate... (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:	<i>Lasiurus borealis</i> (Muller, 1776)
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:	Eastern Red Bat
National French Name:	Chauve-souris rousse; Chauve-souris rousse de l'Est
Element National ID:	799417
Element Global ID:	799416 (go to NatureServe Explorer)
Element Code:	AMACC05010
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	3002
English COSEWIC Common Name:	Eastern Red Bat
French COSEWIC Common Name:	Chauve-souris rousse de l'Est

Rank/Status

Global Rank:	G3G4 (reviewed April 04, 2016)
National Rank (Canada):	N4B,NUM (reviewed 2023)
Subnational Ranks (Canada):	AB=S3B,SNRM, BC=SU, MB=S3B, NB=SUB,S2?M, NS=SUB,S1M, ON=S3, QC=S1S2B, SK=S4B
National Rank (United States):	N5 (reviewed 1996)
Subnational Ranks (United States):	AL=S5, AR=S5, AZ=SNR, CO=S2S3B, CT=S3B, DC=S4, DE=S5, FL=SNR, GA=S5, IA=S4, IL=S5, IN=S3, KS=S5B, KY=S5, LA=S4, MA=S3, MD=S3S4, ME=SU, MI=S5, MN=SNR, MO=S4, MS=S4S5, MT=S3B, NC=S5, ND=SNR, NE=S3, NH=S3?B, NJ=S3, NM=S3N, NY=S3S4B, OH=SNR, OK=SNR, PA=S4, RI=SNR, SC=S3, SD=S5, TN=S5, TX=S4, VA=S4, VT=S4B, WI=S3, WV=S3, WY=S3B
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	None
Canadian COSEWIC Status:	Endangered
US ESA Status:	None

Range Map

Date Generated:	March 19, 2026
Version:	1.0
Stage:	Expert Reviewed (National)
Scope:	Canadian
Metadata:	Primary Species - <i>Lasiurus borealis</i> (Muller, 1776) Input Records - 39 ACCDC Observations (2006-2023), 667 BC Survey Observations (2016-2021), 19223 FWMIS (2001-2024), 121 GBIF (1907-2023), 54 iDigBio (1894-1987), 169 iNaturalist.ca (1987-2025), 27 iNaturalist.ca (original coordinates for obscured records) (2016-2025), 225 ON Observations and Source Features (1989-2024), 876 QC Données d'observation de chauves-souris issues du réseau de suivi de la biodiversité (2016-2020), 1008 QC Mammals, Amphibians, and Reptiles Observation Points (1981-2022), 859 QC MMACH Bat Observations (1981-2021), 482 QC Ranges of Vertebrates, 1 SK Element Occurrences (2001), 2801 SK Observation Points (1913-2019), 1 SK Source Feature Polygons (1937), 5 US Element Occurrences (2012-2017), 60 VertNet (1887-1984); Expert Reviews - BC Experts, Brian Slough, Antoine Plouffe-Leboeuf, John Klymko, Amanda Gallant, Julia Put, Jordi Segers, Sarah Rabideau, Jillian Kusch, 3 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, 2026. Ecosystem-based Automated Range (EBAR) for *Lasiurus borealis*, 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/ebars

Contact:

ebars-kba@natureserve.ca

Input References:

ACCDC Observations - [Atlantic Canada Conservation Data Centre](#)
BC Survey Observations - [British Columbia Conservation Data Centre](#)
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](#)
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 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 Polygons - Saskatchewan Conservation Data Centre
US Element Occurrences - NatureServe and its Natural Heritage Programs
VertNet - [National Science Foundation](#)

Reviewers by Taxa:

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