

Asio flammeus

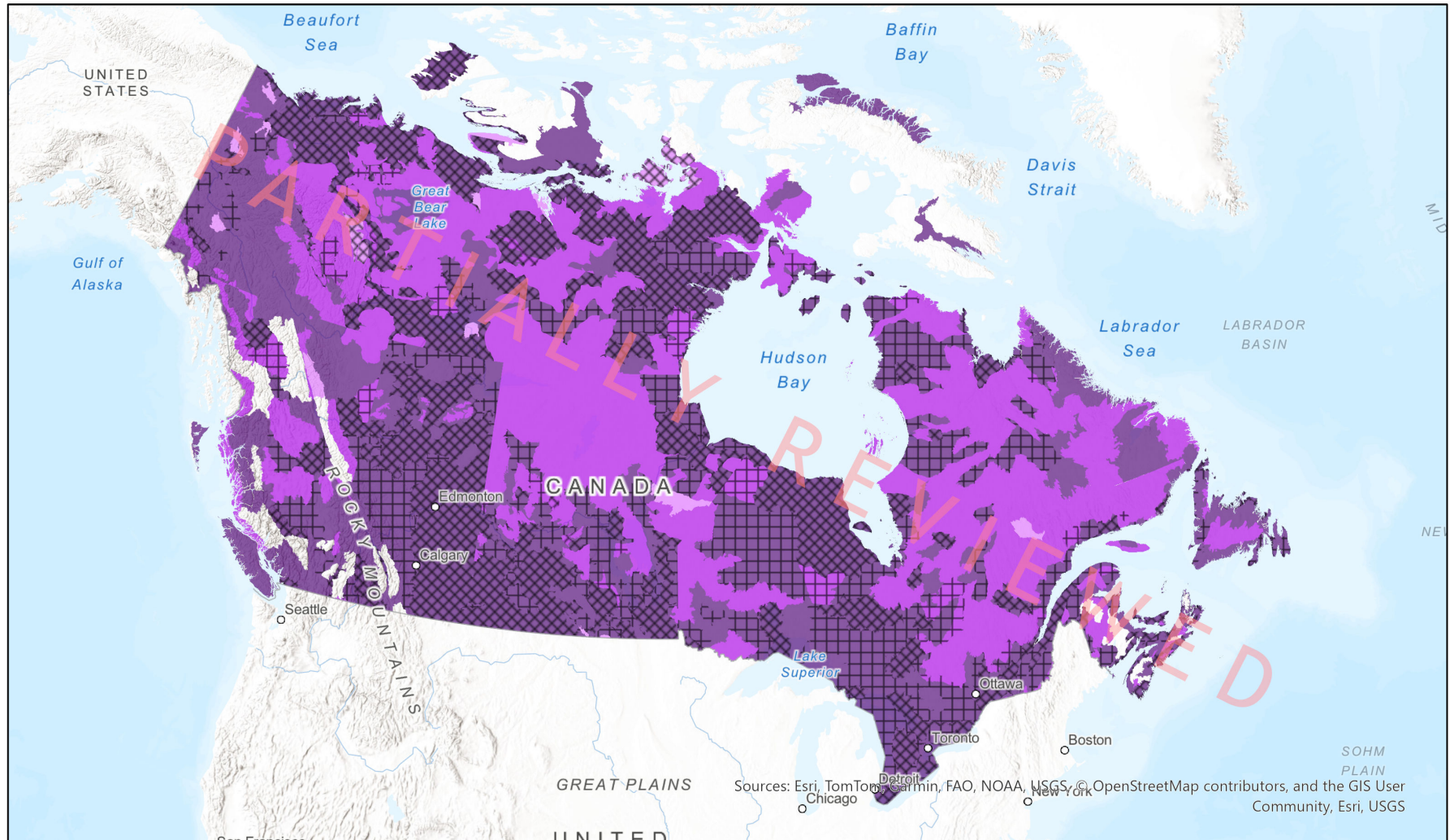


- Present
- Presence Expected
- Historical
- Breeding
- Possible Breeding

Ecosystem-based Automated Range (EBAR)

Date Generated: November 5, 2025; Version: 1.0; Stage: Expert Reviewed (Partially Reviewed - National); Scope: Canadian

Synonyms Used: Asio flammeus flammeus



0 590 1,180 km

Map centre: 90.9546°O 57.8449°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 - 195 AB Breeding Bird Atlas (2000-2005), 905 ACCDC Observations (1896-2024), 69 BC Breeding Bird Atlas (2008), 7 BC Non-sensitive Element Occurrences (1976-1999), 60 BC Survey Observations (1995-2015), 7298 Birds Canada Nature Counts (1871-2024), 28001 eBird (1883-2023), 2189 FWMIS (1897-2024), 752 GBIF (1908-2023), 1632 iNaturalist.ca (1975-2025), 241 iNaturalist.ca (original coordinates for obscured records) (2005-2025), 65 Maritimes Breeding Bird Atlas (2006), 135 MB Breeding Bird Atlas (2010), 28 MB Element Occurrences (1980-2021), 11 MB Source F... (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>Asio flammeus</i> (Pontoppidan, 1763)
Scientific Name Reference:	American Ornithologists' Union (AOU). 1998. Check-list of North American birds. Seventh edition. American Ornithologists' Union, Washington, D.C. [as modified by subsequent supplements and corrections published in <i>The Auk</i>]. Also available online: http://www.aou.org/ .
National English Name:	Short-eared Owl
National French Name:	Hibou des marais
Element National ID:	164231
Element Global ID:	100351 (go to NatureServe Explorer)
Element Code:	ABNSB13040
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	60
English COSEWIC Common Name:	Short-eared Owl
French COSEWIC Common Name:	Hibou des marais

Rank/Status

Global Rank:	G5 (reviewed October 21, 2025)
National Rank (Canada):	N4B,N3N,N4M (reviewed 2022)
Subnational Ranks (Canada):	AB=S3B,SUN, BC=S3B,S1N, LB=S2S3B, MB=S2S3B, NB=S1S2B, NF=S2S3B, NS=S1B, NT=S3, NU=S3B, ON=S4?B,S2S3N, PE=S1B, QC=S3B, SK=S3B,S2N, YT=S2S3B
National Rank (United States):	N5B,N5N (reviewed 1997)
Subnational Ranks (United States):	AK=S4B, AL=S2N, AR=S3S4N, AZ=SNR, CA=S2, CO=S2B, CT=SHB,S1N, DC=S1N,SHB, DE=SHB,S1N, FL=SNA, GA=S4, HI=S2, IA=S1B,S2N, ID=S3, IL=S1S2, IN=S2, KS=S2B,S3N, KY=S1B,S2N, LA=S2N, MA=S1B,S3N, MD=S1B, ME=S1B,S1N, MI=S1, MN=S3B, MO=S2, MS=S2N, MT=S4, NC=SUB,S3N, ND=SNRB,SNRN, NE=S2, NH=SNA, NJ=S1B,S3N, NM=S1B,S2N, NV=S2, NY=S2, OH=S1S2, OK=S3N, OR=S3, PA=S1B,S3N,S2M, RI=S1N, SC=S2S3, SD=S3B,S3N, TN=S3N, TX=S4N, UT=S2, VA=S1B,S3N, VT=S1B,S1N, WA=S2S3B,S3N, WI=S1B, WV=S2N, WY=S1S2
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Special Concern/Préoccupante (June 20, 2012)
Canadian COSEWIC Status:	Threatened
US ESA Status:	None

Range Map

Date Generated:	November 05, 2025
Version:	1.0
Stage:	Expert Reviewed (Partially Reviewed - National)
Scope:	Canadian

Metadata:	Primary Species - <i>Asio flammeus</i> (Pontoppidan, 1763); Synonyms - <i>Asio flammeus flammeus</i> (Pontoppidan, 1763) Input Records - 195 AB Breeding Bird Atlas (2000-2005), 905 ACCDC Observations (1896-2024), 69 BC Breeding Bird Atlas (2008), 7 BC Non-sensitive Element Occurrences (1976-1999), 60 BC Survey Observations (1995-2015), 7298 Birds Canada Nature Counts (1871-2024), 28001 eBird (1883-2023), 2189 FWMS (1897-2024), 752 GBIF (1908-2023), 1632 iNaturalist.ca (1975-2025), 241 iNaturalist.ca (original coordinates for obscured records) (2005-2025), 65 Maritimes Breeding Bird Atlas (2006), 135 MB Breeding Bird Atlas (2010), 28 MB Element Occurrences (1980-2021), 11 MB Source Feature Points (2003-2010), 32 MB Source Feature Polygons (1980-2021), 10 NF Breeding Bird Atlas (2020), 357 NT Source Feature Polygons (1901-2018), 7 NU Element Occurrences (1994-2017), 218 ON Breeding Bird Atlas (2001), 13 ON Element Occurrences (1977-2001), 7797 ON Observations and Source Features (1909-2024), 265 QC Breeding Bird Atlas (2010), 289 QC Element Occurrences (1907-2022), 74 SK Breeding Bird Atlas (2017), 51 SK Element Occurrences (1989-2019), 105 SK Observation Points (1920-2022), 141 SK Source Feature Points (2008-2023), 246 SK Source Feature Polygons (1989-2023), 7 YT Element Occurrences (1971-2017), 8 YT Source Feature Polygons (1971-2017); Expert Reviews - BC Experts, COSEWIC Experts, Rebecca Magnus, Pamela Sinclair, John Klymko, 1 Anonymous
Comments:	This range has been partially reviewed.
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 Asio flammeus, Version 1.0, Expert Reviewed (Partially Reviewed - National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]
License:	Ecosystem-based Automated Range (EBAR) Project, Copyright NatureServe Canada 2026 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:	AB Breeding Bird Atlas - Alberta Breeding Bird Atlas. 2005. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada. Available: https://www.naturecounts.ca/ ACCDC Observations - Atlantic Canada Conservation Data Centre BC Breeding Bird Atlas - Birds Canada, Canadian Wildlife Service, British Columbia Ministry of Environment, BC Nature, BC Field Ornithologists, Biodiversity Centre for Wildlife Studies, Louisiana Pacific, Pacific Wildlife Foundation, The, and Canadian Wildlife Service. 2026. "British Columbia Breeding Bird Atlas (2008-2012): highest breeding evidence per square". Data accessed from NatureCounts, Birds Canada. 10.71842/h3by-9r85 BC Non-sensitive Element Occurrences - British Columbia Conservation Data Centre BC Survey Observations - British Columbia Conservation Data Centre Birds Canada Nature Counts - Birds Canada. 2024. NatureCounts data. https://naturecounts.ca. Accessed on 8 Feb. 2024. And Accessed on 24 Dec. 2024. eBird - eBird Basic Dataset. Version: EBD_relMar-2022. Cornell Lab of Ornithology, Ithaca, New York. Mar 2022. eBird: An online database of bird distribution and abundance [web application]. eBird, Cornell Lab of Ornithology, Ithaca, New York. Available: http://www.ebird.org FWMIS - Fish and Wildlife Management Information System (FWMIS), Alberta Environment and Parks. GBIF - Global Biodiversity Information Facility 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 Maritimes Breeding Bird Atlas - Birds Canada, Environment Canada - Canadian Wildlife Service, New Brunswick Department of Natural Resources, Nova Scotia Department of Natural Resources, Prince Edward Island Department of Agriculture and Forestry. 2012. Maritimes Breeding Bird Atlas Database. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada. Available: http://www.naturecounts.ca/. MB Breeding Bird Atlas - Manitoba Breeding Bird Atlas. 2014. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada. Available: https://www.naturecounts.ca/ MB Element Occurrences - Manitoba Conservation Data Centre MB Source Feature Points - Manitoba Conservation Data Centre MB Source Feature Polygons - Manitoba Conservation Data Centre NF Breeding Bird Atlas - Newfoundland Breeding Bird Atlas. 2024. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada. Available: https://www.naturecounts.ca/ NT Source Feature Polygons - Northwest Territories Conservation Data Centre (2019). Source Features from NT Biotics. Accessed 20 May 2021. Environment and Natural Resource, Government of NWT, Yellowknife, NT.

NU Element Occurrences - Nunavut Conservation Data Centre
 ON Breeding Bird Atlas- Highest Breeding Evidence per square - Birds Canada, Ontario Ministry of Natural Resources and Forestry, Environment and Climate Change Canada, Ontario Field Ornithologists, and Ontario Nature. 2026. "Ontario Breeding Bird Atlas (2021-2025): highest breeding evidence". Data accessed from NatureCounts, Birds Canada. 10.71842/z6y5-8k64
 ON Breeding Bird Atlas- Highest Breeding Evidence per square - Birds Canada, Environment Canada's Canadian Wildlife Service, Ontario Nature, Ontario Field Ornithologists and Ontario Ministry of Natural Resources. 2008. Ontario Breeding Bird Atlas Database. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada.
 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 Breeding Bird Atlas - Québec Breeding Bird Atlas. 2014. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada. Available: <https://www.naturecounts.ca/>
 QC Element Occurrences - Centre de Données sur le Patrimoine Naturel du Québec
 SK Breeding Bird Atlas - Saskatchewan Breeding Bird Atlas. 2017. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Birds Canada. Available: <https://www.naturecounts.ca/>
 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
 YT Element Occurrences - Yukon Conservation Data Centre
 YT Source Feature Polygons - Yukon Conservation Data Centre
[Reviewers by Taxa](#)

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