Bison bison athabascae

- Present
- Presence Expected
- Historical

NatureServe Canada

Ecosystem-based Automated Range (EBAR)

Date Generated: March 25, 2024; Version: 1.0; Stage: Expert Reviewed (Low Star Rating- National); Scope: Canadian

Synonyms Used: Bos bison athabascae, Bison bison athabascae

0 330 660 km

Map centre: 116.0301°W 57.0401°N

Input Records - 13 BC Non-sensitive Element Occurrences, 11 BC Survey Observations, 29 BISON, 1621 FWMIS, 12 iDigBio, 617 iNaturalist.ca, 11 iNaturalist.ca (original coordinates for obscured records), 165 iNaturalist.org, 28 Lewis Observations, 2 MB Element Occurrences, 2 MB Source Feature Polygons, 70 NCC Endemics Literature, 17 NT Element Occurrences, 6 VertNet; Expert Reviews - NWT CDC Telemetry, Chris Lewis, 2 Anonymous

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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:	*Bison bison athabascae* Rhoades, 1898
Scientific Name Reference:	Committee on the Status of Endangered Wildlife in Canada (COSEWIC). 2013. COSEWIC Assessment Results November 2013. Accessed online at http://www.cosewic.ca/index.php/en-ca/assessment-process
National English Name:	Wood Bison
National French Name:	Bison des bois
Element National ID:	164953
Element Global ID:	100513 (go to NatureServe Explorer)
Element Code:	AMALE01011
Endemism Type:	Y
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	143

Rank/Status

Global Rank:	G4T3Q (reviewed May 09, 2018)
National Rank (Canada):	N3 (reviewed 2018)
Subnational Ranks (Canada):	AB=S2, BC=S2, MB=SNA, NT=S2, SK=SX, YT=S3S4
National Rank (United States):	NNR
Subnational Ranks (United States):	AK=SX
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Threatened/Menacée (June 05, 2003)
Canadian COSEWIC Status:	Special Concern (November 01, 2013)
US ESA Status:	None

Range Map

Date Generated:	March 25, 2024
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Stage:	Expert Reviewed (Low Star Rating- National)
Scope:	Canadian
Metadata:	Primary Species - *Bison bison athabascae* Rhoades, 1898; Synonyms - *Bos bison athabascae* Rhoads, 1898, *Bison bison athabascae* Input Records - 13 BC Non-sensitive Element Occurrences, 11 BC Survey Observations, 29 BISON, 1621 FWMIS, 12 iDigBio, 617 iNaturalist.ca, 11 iNaturalist.ca (original coordinates for obscured records), 165 iNaturalist.org, 28 Lewis Observations, 2 MB Element Occurrences, 2 MB Source Feature Polygons, 70 NCC Endemics Literature, 17 NT Element Occurrences, 6 VertNet; Expert Reviews - NWT CDC Telemetry, Chris Lewis, 2 Anonymous
Comments:	This range has a low star rating.
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?).
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 Bison bison athabascae, Version 1.0, Expert Reviewed (Low Star Rating- National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]

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Project Website: www.natureserve.org/canada/ebar

Contact: ebar-kba@natureserve.ca

Input References:

BC Non-sensitive Element Occurrences - British Columbia Conservation Data Centre
BC Survey Observations - British Columbia Conservation Data Centre
BISON - United States Geological Survey
FWMIS - Fish and Wildlife Management Information System (FWMIS), Alberta Environment and Parks.
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
Lewis Observations - Chris Lewis, pers. comm. 2021
MB Element Occurrences - Manitoba Conservation Data Centre
MB Source Feature Polygons - Manitoba Conservation Data Centre
NCC Endemics Literature - Nature Conservancy of Canada
NT Element Occurrences - Northwest Territories Conservation Data Centre (2019). Element Occurrences from NT Biotics. Accessed 20 May 2021. Environment and Natural Resource, Government of NWT, Yellowknife, NT.
VertNet - National Science Foundation

Reviewers by Taxa: Reviewers by Taxa