

Brotherella roellii

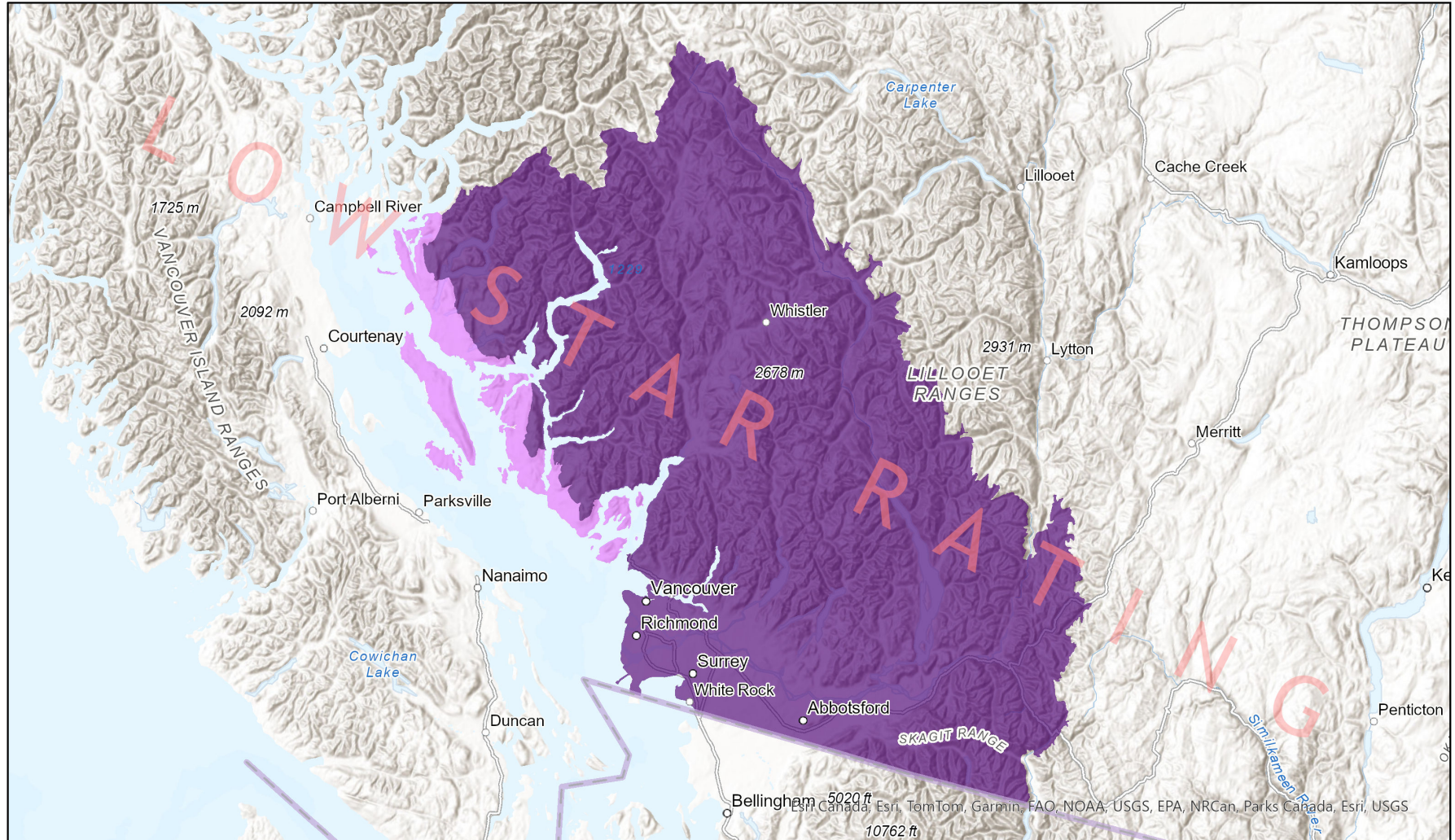


- Present
- Presence Expected
- Historical

Ecosystem-based Automated Range (EBAR)

Date Generated: March 20, 2025; Version: 1.0; Stage: Expert Reviewed (Low Star Rating - National); Scope: Canadian

Synonyms Used: None



0 40 80 km

Input Records - 41 BC Non-sensitive Element Occurrences, 1 BC Survey Observations, 55 BISON, 6 Cryptogamic Herbarium, University of Alberta, 27 ECCC Critical Habitat, 145 GBIF, 63 iDigBio, 9 iNaturalist.ca, 8 iNaturalist.ca (original coordinates for obscured records); Expert Reviews - Ryan Batten

Map centre: 122.9956° W 49.8155° 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>Brotherella roellii</i> (Ren. & Card. in Roll) Fleisch.
Scientific Name Reference:	Flora of North America Editorial Committee (FNA). 2014a. Flora of North America north of Mexico. Vol. 28. Bryophytes: Mosses, part 2. Oxford Univ. Press, New York. vii + 702 pp.
National English Name:	Roell's Brotherella Moss
National French Name:	Brotherelle de Roell
Element National ID:	189579
Element Global ID:	121505 (go to NatureServe Explorer)
Element Code:	NBMUS12020
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	1121

Rank/Status

Global Rank:	G3 (reviewed February 25, 2025)
National Rank (Canada):	N3? (reviewed 2024)
Subnational Ranks (Canada):	BC=S3?
National Rank (United States):	N1 (reviewed 2025)
Subnational Ranks (United States):	AK=SNR, WA=SH
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Endangered/En voie de disparition (May 30, 2018)
Canadian COSEWIC Status:	Endangered (November 26, 2010)
US ESA Status:	None

Range Map

Date Generated:	March 20, 2025
Version:	1.0
Stage:	Expert Reviewed (Low Star Rating - National)
Scope:	Canadian
Metadata:	<p>Primary Species - <i>Brotherella roellii</i> (Ren. & Card. in Roll) Fleisch.</p> <p>Input Records - 41 BC Non-sensitive Element Occurrences, 1 BC Survey Observations, 55 BISON, 6 Cryptogamic Herbarium, University of Alberta , 27 ECCC Critical Habitat, 145 GBIF, 63 iDigBio, 9 iNaturalist.ca, 8 iNaturalist.ca (original coordinates for obscured records); Expert Reviews - Ryan Batten</p>
Comments:	This range has a low star rating.
Disclaimer:	<p>Please review our methods document before using EBAR.</p> <p>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.</p> <p>The absence of data in any geographic areas does not necessarily mean that a species is not present.</p> <p>An ecoshape with a presence value does not necessarily mean that a species is present throughout the entire geographic area.</p>
Presence Definitions:	<p>(Please see Comments above for any exceptions)</p> <p>Present - the species is found within the ecoshape based on species observation data, Element Occurrences, Source Features, Canadian Federal Critical Habitat, or expert opinion.</p> <p>Presence Expected - expert opinion the species may be present, or the ecoshape overlapped with a range estimate or a habitat suitability model.</p> <p>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.</p>
Usage Type Definitions:	<p>(Please see Comments above for any exceptions)</p> <p>Breeding - the species is thought to breed within the ecoshape based on eBird Breeding and Behaviour Codes or expert opinion.</p> <p>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.</p>
Map Projection:	North America Albers Equal Area Conic (WKID 4269)

Credits

Suggested Citation:

NatureServe Canada, 2020. Ecosystem-based Automated Range (EBAR) for *Brotherella roellii*, 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/ebars

Contact:

ebars-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](#)

Cryptogamic Herbarium, University of Alberta - Dr Catherine La Farge, Director and Curator - Cryptogamic Herbarium (ALTA), University of Alberta

ECCC Critical Habitat - [Environment and Climate Change Canada](#)

GBIF - [Global Biodiversity Information Facility](#)

GBIF - [GBIF.org \(29 June 2023\)](#) GBIF Occurrence Download <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](#)

Reviewers by Taxa:

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