

Number of	785
Orientation	The data are arranged with major variables in columns.
Data description	Species list created for the report, <i>Species and Ecological Communities of the University of Victoria Campus</i> , compiled from multiple sources.
Date	Sep-20
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#### Data table structure and attribute description: Species List

Attribute name	Label	Definition	Attribute description
<i>Kingdom</i>		Taxonomic Classification	
<i>Phylum</i>		Taxonomic Classification	
<i>Class</i>		Taxonomic Classification	
<i>Order</i>		Taxonomic Classification	
<i>Family</i>		Taxonomic Classification	
<i>Genus</i>		Taxonomic Classification	
<i>Species</i>	Scientific Name	Taxonomic Classification	
<i>Common</i>	Common name		
<i>CDC_Status</i>	Provincial conservation status ranks	British Columbia Conservation Data Centre (BC CDC) Provincial Conservation Status Ranks	Detailed below in "Status Ranks."
<i>CDC_Listing</i>	Conservation listings	British Columbia Conservation Data Centre (BC CDC) Provincial Status Listing	Detailed below in "Provincial Status Listing."
<i>Global_Status</i>	Global conservation status ranks	NatureServe Global Conservation Status Rank	Detailed below in "Status Ranks."
<i>COSEWIC</i>	COSEWIC conservation listing	Committee on the Endangered Status of Wildlife in Canada	Detailed below in "Federal Status Listing."
<i>SARA</i>	SARA conservation listing	Species at Risk Act (SARA) Status Listing	Detailed below in "Federal Status Listing."
<i>Sources</i>		Global Biodiversity Information Facility (GBIF) accessed June, 2020; James Miskelly email conversation; University of Victoria (UVic) Herbarium, Checklist of Vascular Plants (2002).	GBIF = sourced from GBIF; Miskelly = sourced from James Miskelly, local botanist and invertebrate expert. See Addendum UVicSpeciesList_2020_JamesMiskelly for more details; UVic = sourced from UVic Checklist of Vascular Plants (2000). Available: <a href="https://www.uvic.ca/science/biology/herbarium/assets/docs/UVic">https://www.uvic.ca/science/biology/herbarium/assets/docs/UVic</a> .

#### Data table structure and attribute description: Status Ranks

Source: <https://explorer.natureserve.org/AboutTheData/Statuses>

Attribute	Definition
<i>SX/GX</i>	Presumed Extirpated. Species or ecosystem is believed to be extirpated from the jurisdiction (i.e., nation, or state/province). Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

<i>SH/GH</i>	Possibly Extirpated. Known from only historical records but still some hope of rediscovery. There is evidence that the species or ecosystem may no longer be present in the jurisdiction, but not enough to state this with certainty.
<i>S1/G1</i>	Critically Imperiled. At very high risk of extirpation in the jurisdiction due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.
<i>S2/G2</i>	Imperiled. At high risk of extirpation in the jurisdiction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
<i>S3/G3</i>	Vulnerable. At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
<i>S4/G4</i>	Apparently Secure. At a fairly low risk of extirpation in the jurisdiction due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.
<i>S5/G5</i>	Secure. At very low or no risk of extirpation in the jurisdiction due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.
<i>S#S#/G#G#</i>	Range Rank. A numeric range rank (e.g., S2S3 or S1S3) is used to indicate any range of uncertainty about the status of the species or ecosystem. Ranges cannot skip more than two ranks (e.g., SU is used rather than S1S4).
<i>SU/GU</i>	Unrankable. Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
<i>SNR/GNR</i>	Unranked. National or subnational conservation status not yet assessed.
<i>SNA/GNA</i>	Not Applicable. A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities (e.g., long distance aerial and aquatic migrants, hybrids without conservation value, and non-native species or ecosystems).
<i>Not provided</i>	Species or ecosystem is known to occur in this nation or state/province.
<i>S#?/G#?</i>	Inexact Numeric Rank. Denotes inexact numeric rank; this should not be used with any of the Variant National or Subnational Conservation Status Ranks, or NX, SX, NH, or SH.
<i>B</i>	Breeding. Conservation status refers to the breeding population of the species in the nation or state/province.
<i>N</i>	Non-breeding. Conservation status refers to the non-breeding population of the species in the nation or state/province.
<i>M</i>	Migrant. Migrant species occurring regularly on migration at particular staging areas or concentration spots where the species might warrant conservation attention. Conservation status refers to the aggregating transient population of the species in the nation or state/province.

#### Data table structure and attribute description: Provincial Status Listing

Source: <http://www.env.gov.bc.ca/atrisk/help/list.htm>

Attribute	Definition
<i>Extinct</i>	Species that no longer exist. This status is only assigned if the Global Conservation Status rank is GX.
<i>Red</i>	Includes any native species or subspecies that have, or are candidates for, Extirpated, Endangered, or Threatened status in British Columbia. Extirpated taxa no longer exist in the wild in British Columbia, but do occur elsewhere. Endangered taxa are facing imminent extirpation or extinction. Threatened taxa are likely to become endangered if limiting factors are not reversed. Not all Red-listed taxa will necessarily become formally designated. Placing taxa on these lists flags them as being at risk and requiring investigation.
<i>Blue</i>	Includes any native species or subspecies considered to be of Special Concern (formerly Vulnerable) in British Columbia. Taxa of Special Concern have characteristics that make them particularly sensitive or vulnerable to human activities or natural events. Blue-listed taxa are at risk, but are not Extirpated, Endangered or Threatened.

<i>Yellow</i>	Includes species that are apparently secure and not at risk of extinction. Yellow-listed species may have red- or blue-listed subspecies.
<i>Exotic</i>	Species that have been moved beyond their natural range as a result of human activity. Exotic species are also known as alien species, foreign species, introduced species, non-indigenous species and non-native species. Exotic species are excluded from the Red, Blue and Yellow Lists as a Provincial Conservation Status Rank is not applicable (i.e. SNA).
<i>Accidental</i>	Species occurring infrequently and unpredictably, outside their usual range. Accidental species are excluded from the Red, Blue and Yellow Lists as a Provincial Conservation Status Rank is not applicable (i.e., SNA).
<i>Unknown</i>	Includes species or subspecies for which the Provincial Conservation Status is unknown due to extreme uncertainty (e.g., S1 S4). It will also be 'Unknown' if it is uncertain whether the entity is native (Red, Blue or Yellow), introduced (Exotic) or accidental in B.C. This designation highlights species where more inventory and/or data gathering is needed.
<i>No Status</i>	Includes species that have not been ranked (i.e., Provincial Conservation Status Rank is SNR). No Status is also assigned to an animal when all subspecies or populations of a species are assigned to either the Red List or the Blue List. For example, there are two populations of Western Painted Turtle in B.C.; one population is on the Red List, the other is on the Blue List. The species record for Western Painted Turtle is therefore not assigned to a list.

#### Data table structure and attribute description: Federal Status Listing

Sources: COSEWIC (<http://www.env.gov.bc.ca/atrisk/help/cosewic.htm>), SARA (<http://www.env.gov.bc.ca/atrisk/help/sara.htm>)

Attribute	Definition
<i>XX</i>	Extinct. A species that no longer exists.
<i>XT</i>	Extirpated. A species that no longer exists in the wild in Canada, but occurring elsewhere.
<i>E</i>	Endangered. A species facing imminent extirpation or extinction.
<i>T</i>	Threatened. A species that is likely to become endangered if limiting factors are not reversed.
<i>SC</i>	Special Concern. A species of special concern because of characteristics that make it is particularly sensitive to human activities or natural events.
<i>NAR</i>	Not at Risk. A species that has been evaluated and found to be not at risk.
<i>C</i>	Candidate. A species that is on the short-list for upcoming assessment.
<i>DD</i>	Data Deficient. A species for which there is insufficient scientific information to support status designation.