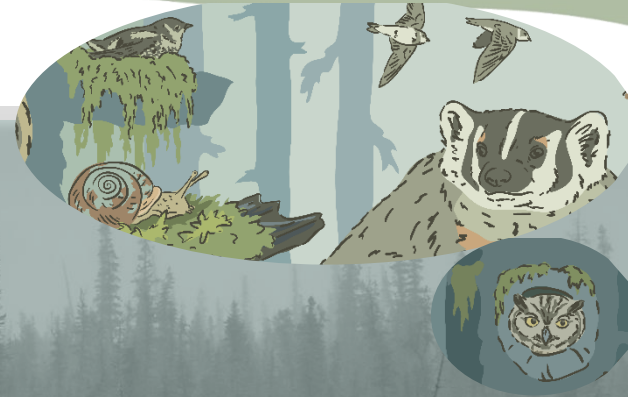


AMERICAN BADGER
BANK SWALLOW
MARBLED MURRELET
OREGON FORESTSNAIL
WESTERN SCREECH OWL



Species At Risk Act (SARA) Consultation, Cooperation, and Accommodation Workshop

Undiné Thompson, MEnv

Canadian Wildlife Service – Pacific Region
Environment and Climate Change Canada

**January 26th, 27th and
February 2nd, 2021**

Ch'ít | Thank you

I am grateful to speak to you today from the unceded traditional territory of the Kwantlen, Qayqayt, Skwxwú7mesh (Squamish), Tseil-Waututh (People of the Inlet), and x^wməθk^wəyəm (Musqueam) peoples.



MY BACKGROUND

- **Non-Indigenous** – white settler and minority immigrant family
- **Canadian Citizen** – grew up on the Fraser River Delta, Gulf Islands/Inside Passage, and the south Okanagan
- Studied and worked in BC archaeology and Indigenous cultural studies.
- **Quebec and Ontario** – moved to Montreal for graduate studies - lived in central Canada for 5 years
- **ECCC** – started working for the Canadian Wildlife Service in 2013 in Delta, BC
- It's pronounced un-Deen-eh





GOALS & OUTLINE

- Provide general information on Species at Risk recovery documents for:
**American Badger | Bank Swallow | Marbled Murrelet
Western Screech Owl | Oregon Forestsnail**
- Increase Indigenous representation in federal recovery planning for Species at Risk
- Collaborate to develop meaningful ways to promote Indigenous voices and languages

RECOVERY STRATEGY

Main Contents

- Background info (on species, threats)
- Population & distribution objectives
- Broad strategies for recovery
- Identify critical habitat
- Activities likely to destroy critical habitat

Function of a Recovery Strategy

- SARA requires the preparation of Recovery Strategies for species listed as Extirpated, Endangered, or Threatened
- It is a planning document that identifies what needs to be done to reverse the decline of a species.

AMERICAN BADGER *Jeffersonii* subspecies

(Endangered)

The American Badger is ~75 cm in length. It has a heavy body with short legs and tail. Its fur is mainly grey with distinct white stripes on its head and characteristic “badges” on each cheek.

The *jeffersonii* subspecies is found in the dry interior of south-central and southeastern BC.

Habitat

- Open areas such as open forests, grasslands, pastures, recently cleared areas, and burned sites

Threats

- Habitat loss or damage caused by development and fire management practices
- Being hit or run over by vehicles
- Trapping and persecution by humans
- Loss of prey



© Melissa Haffing



© Richard Klafki

AMERICAN BADGER UPDATE



- Critical habitat has been partially identified and described. It includes:
 - Safe movement critical habitat
 - Allows for movement to areas for denning, foraging, mating and other essential activities
 - Core critical habitat
 - Must have the biophysical attributes necessary for activities such as denning and foraging – primarily based upon soil type and level of compaction

AMERICAN BADGER UPDATE



- Consultation on Recovery Strategy
 - Federal Recovery Strategy (adoption of BC recovery plan, with addition of critical habitat)
 - Legislated Timeline: Overdue (June 5, 2004)
 - Consultation/Engagement: ONGOING
 - Proposed Federal Recovery Strategy will be posted on the Species at Risk Public Registry for a 60-day comment period in or after spring/summer 2021
 - ECCC-CWS Pacific-Region lead SARR biologist: Megan Harrison

BANK SWALLOW

(Threatened)

The Bank Swallow is a small songbird ~12 cm in length. It has brown upperparts, white underparts and a dark breast band. In flight, it has quick erratic wing beats, and buzzy, chattering vocalizations.

The Bank Swallow is found across BC.

Habitat

- Sites with vertical banks, including riverbanks, lakes and ocean bluffs, gravel quarries, road cuts, and stock piles of soil
- Open areas such as grasslands and meadows, and large wetlands

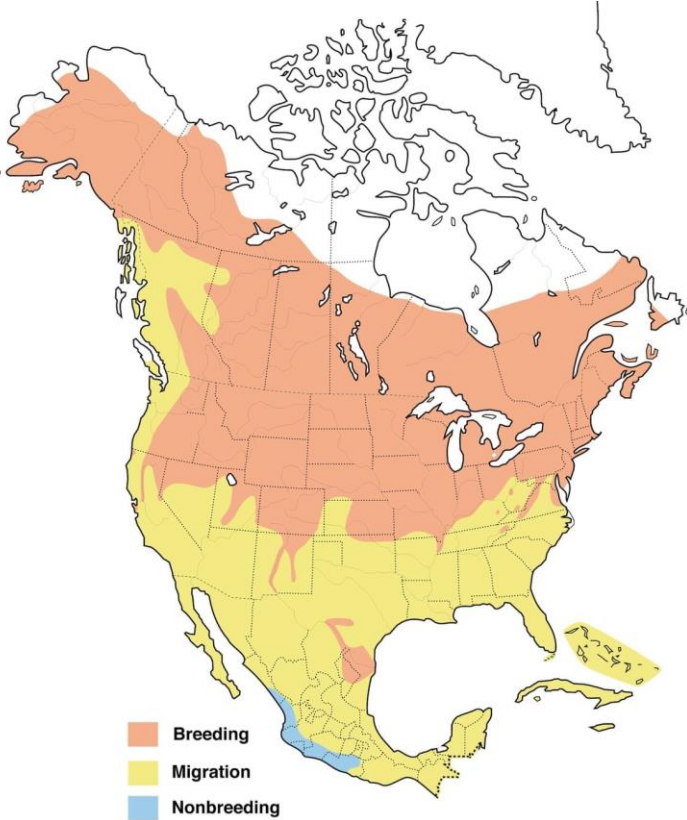
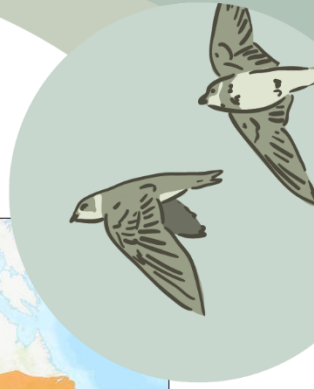
Threats

- Loss of nesting and hunting habitats caused by erosion and flood control, gravel extraction, and conversion of pastures to crops and forest
- Large scale loss of insects



Courtesy of U.S. Fish & Wildlife Services

BANK SWALLOW RANGE



https://www.allaboutbirds.org/guide/Bank_Swallow/maps-range



(adapted from BirdLife International 2016)

BANK SWALLOW UPDATE



- Critical habitat
 - Partially identified
 - Based on confirmed nesting occurrences in natural settings reported between 2001 and 2017.
- Must have these two sets of biophysical attributes to be critical habitat
 - a vertical or near-vertical face made of erodible material, for suitable nesting habitat;
 - open habitats that produce insects, such as wetlands, salt marshes, grasslands, and hayfields, for suitable foraging habitat.

BANK SWALLOW UPDATE



- Recovery Strategy
 - Federal Recovery Strategy
 - Legislated Timeline: Overdue (November 2, 2019)
 - Consultation/Engagement: ONGOING; Notifications of jurisdictional review sent to Indigenous groups via e-mail Dec 2020
 - Proposed Recovery Strategy will be posted on the Species at Risk Public Registry for a 60-day comment period in or after spring 2021
 - ECCC-CWS Pacific-Region lead SARR biologist: Kimberly Dohms

MARBLED MURRELET

(Threatened)

The Marbled Murrelet is a small, plump seabird, ~25 cm in length. In winter its feathers are black and white and in summer they are marbled grey-brown (for camouflage when nesting).

The Marbled Murrelet is found along the coast and islands of BC.

MARINE CRITICAL HABITAT is being identified

Habitat

- Nests in old-growth trees with high, well-hidden, moss-covered branches up to 50 m inland
- Feeds in marine areas close to shore

Threats

- Loss of inland nesting habitat and marine feeding habitat
- Contamination from oil spills
- Gill-nets used for fishing that entangle birds



"Marbled Murrelet" by Tom Benson

MARbled MURRELET RANGE

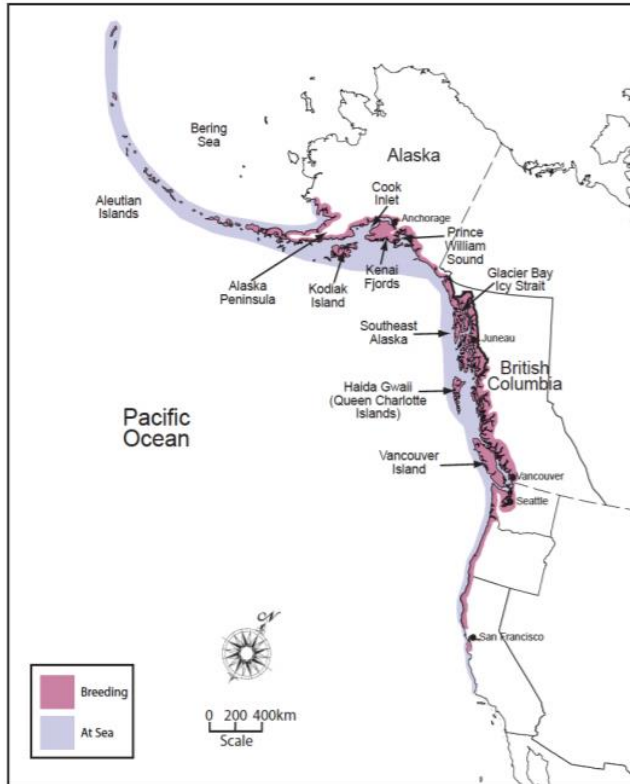
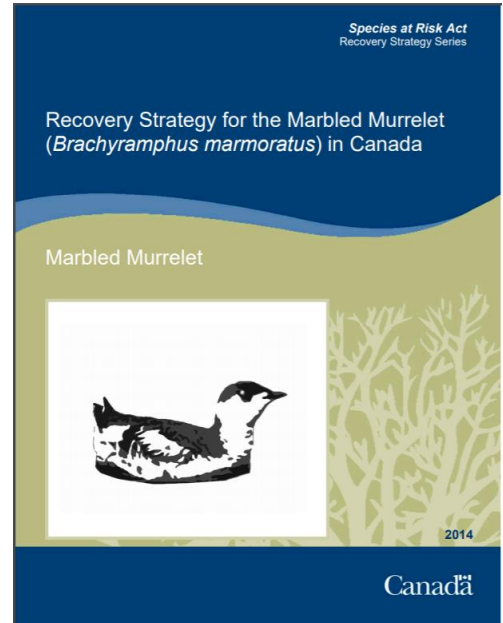


Figure 1. Global distribution of Marbled Murrelets (from Piatt et al. 2007, with permission).

MARBLED MURRELET UPDATE

- Recovery Strategy
 - Federal Recovery Strategy (amendment to include marine critical habitat)
 - Legislated Timeline: N/A (amendment); original Federal Recovery Strategy published as Final in 2014
 - Consultation/Engagement for amended Recovery Strategy: ONGOING
 - Proposed amendment to the Federal Recovery Strategy will be posted on the Species at Risk Public Registry for a 60-day comment period in or after spring/summer 2021
 - ECCC-CWS Pacific-Region lead SARR biologists: Ross Vennesland & Kerry Woo



OREGON FORESTSNAIL

(Endangered)

The Oregon Forestsnail is a large snail with a spiraled shell ~3.5cm across. The shell is pale brown or straw-yellow and opens with a white, flared, outer rim.

The Oregon Forestsnail is found in the lower Fraser Valley in southwestern BC and on southeastern Vancouver Island.

Habitat

- Older mixed-wood and deciduous lowland forests, typically with Bigleaf Maple and Black Cottonwood, with thick vegetation beneath the trees
- Stinging Nettle patches, and fallen branches and leaves

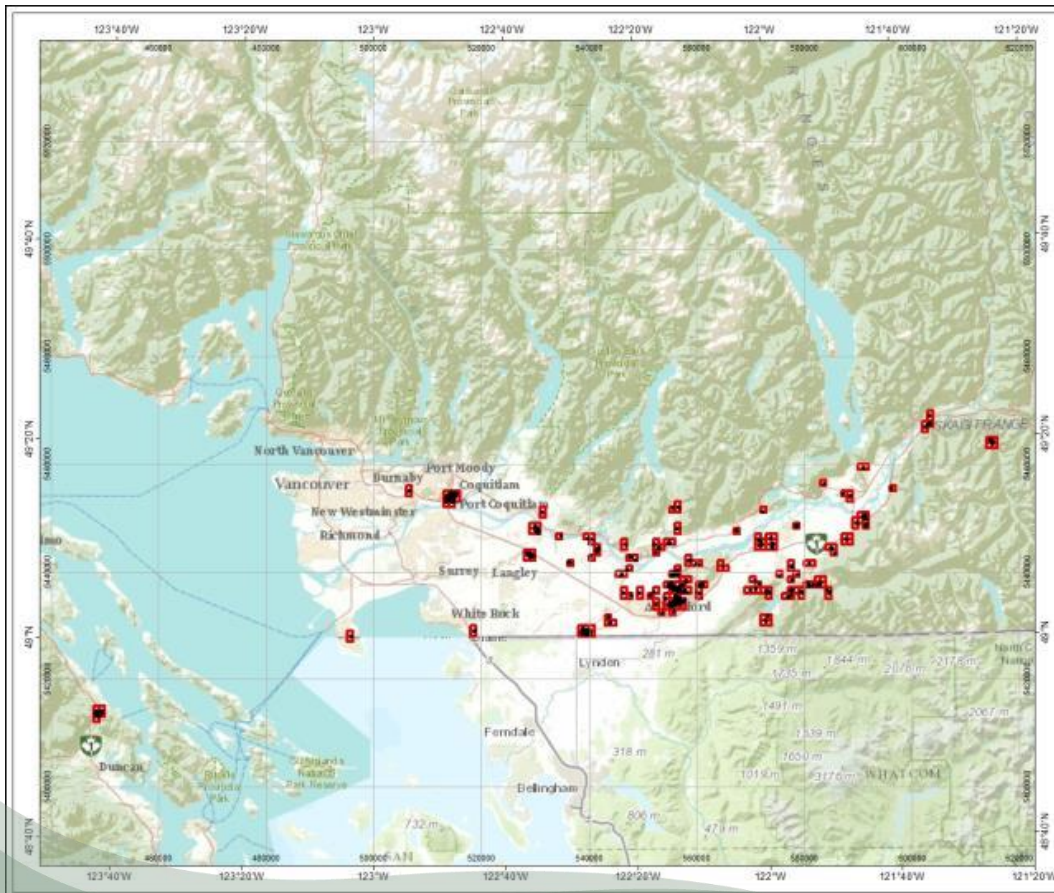
Threats

- Habitat fragmentation, loss, or damage caused by development
- Brush-burning, trampling, and pesticides
- Introduced species that compete for food and shelter



Photo by Laurel Parshall

OREGON FORESTSNAIL RANGE





 Environment Canada

Oregon Forestsnail
(*Allogona toxostoma*)

Area within which Critical Habitat occurs for Oregon Forestsnail in British Columbia

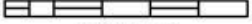
Legend

-  Detailed polygon within which critical habitat is found
-  Standardized UTM grid squares within which critical habitat is found



UTM Zone Number 10
North American Datum 1983

9 0 1:1,120,000 36

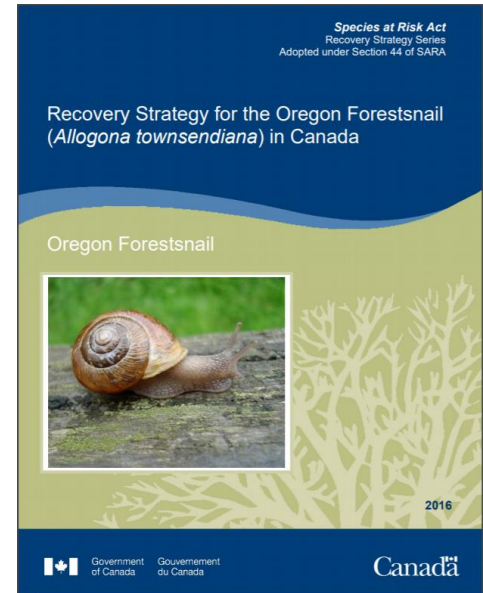


Kilometres

Imagery © source ESRI
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OREGON FORESTSNAIL UPDATE

- Recovery Strategy
 - Federal Recovery Strategy (amended to include updated information)
 - Legislated Timeline: N/A (amendment); original Federal Recovery Strategy published in 2016
 - Consultation/Engagement for amended Federal Recovery Strategy: ONGOING
 - Proposed amendment to the Federal Recovery Strategy will be posted on the Species at Risk Public Registry for a 60-day comment period in or after fall/winter 2021
 - ECCC-CWS Pacific Region lead SARR biologist: Eric Gross & Megan Harrison



WESTERN SCREECH-OWL *Kennicottii* subspecies

(Threatened)

The Western Screech-Owl is ~19-25 cm in length. It is mostly grey-brown, but its front is lighter and it has a white breast with thin dark streaks.

The Western Screech-Owl *kennicottii* subspecies is found along the coast of BC, including Vancouver Island.



"Western Screech Owl (*Megascops kennicottii*)"
by Randy R. Magnuson

Habitat

- Low elevation forest and woodland
- Mixed deciduous-coniferous forests, usually near a stream
- Tree cavities

Threats

- Habitat loss or damage caused by urban development and agricultural and forestry practices
- Barred Owls that prey on this bird

WESTERN SCREECH-OWL *Macfarlanei* subspecies

(Threatened)

The Western Screech-Owl is ~19-25 cm in length. It is mostly grey-brown with a light coloured breast with fine, dark streaks.

The Western Screech-Owl *macfarlanei* subspecies is found in central and eastern BC.

Habitat

- Lower elevation forested areas, usually close to water
- Tree cavities

Threats

- Habitat loss or damage caused by urban development, agricultural and forestry practices, and energy (e.g., hydroelectric) development and production
- Being hit or run over by vehicles



© Jared Hobb

WESTERN SCREECH-OWL RANGE



WESTERN SCREECH-OWL UPDATE



- Recovery Strategy (both species)
 - Federal Recovery Strategy (both subspecies - adoption of BC recovery plans, with addition of critical habitat)
 - Legislated Timeline: Overdue (February 3, 2019)
 - Consultation/Engagement: ONGOING
 - Proposed Federal Recovery Strategy will be posted on the Species at Risk Public Registry for a 60-day comment period in or after fall/winter 2021
 - ECCC-CWS Pacific-Region lead biologists: Megan Harrison & Greg Rickbeil



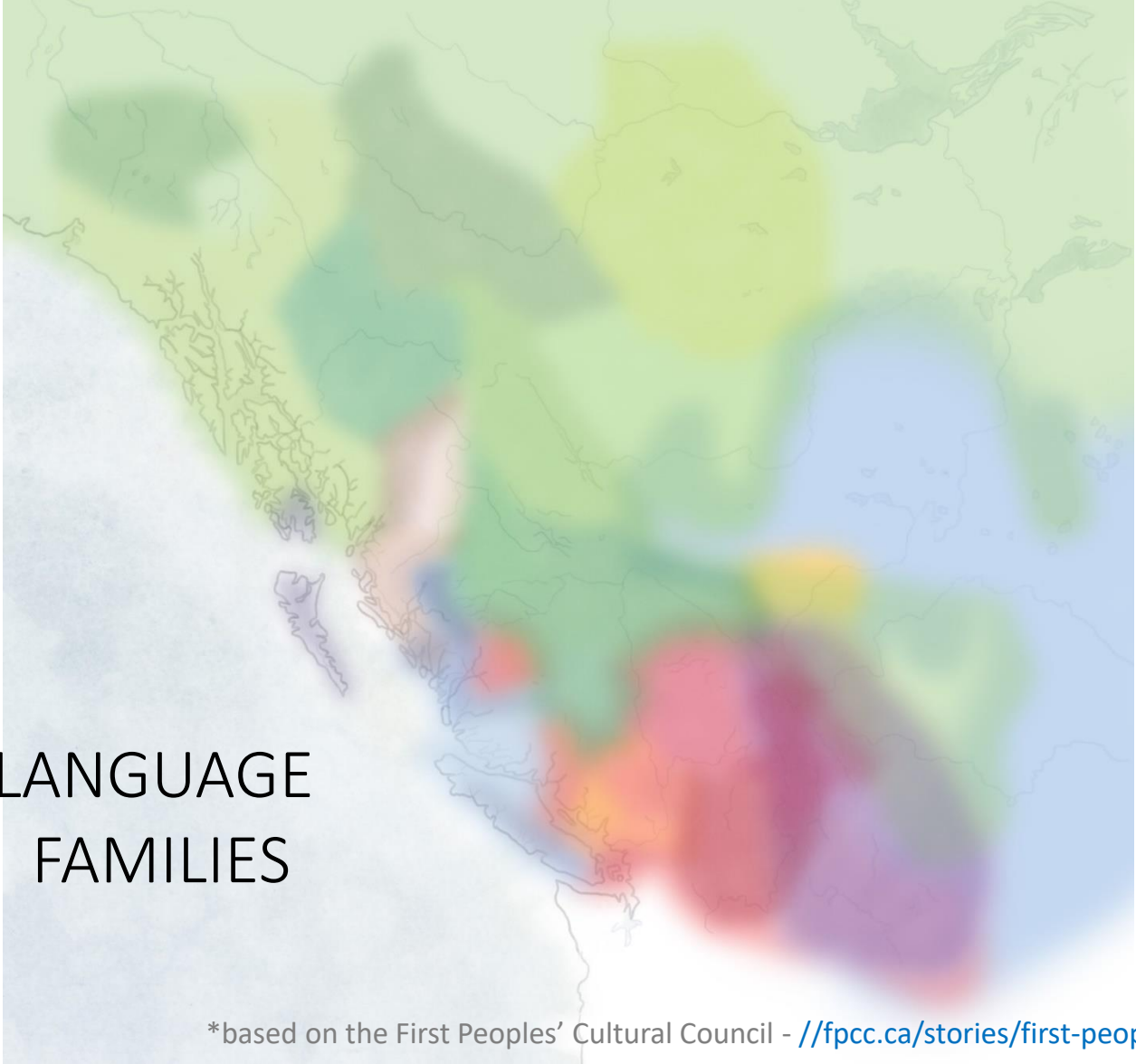
LANGUAGE

People in all cultures use language to describe *kinds* of things and to organize patterns of repetition found in the world

Different languages and knowledge systems can provide complementary descriptions biodiversity

Indigenous knowledge embodies detailed information about the environment that has been largely overlooked

LANGUAGE FAMILIES



BIOCULTURAL DIVERSITY

Social-ecological systems are dynamic relationships between human cultures, biota, and environments

Biocultural diversity highlights the interactions between human diversity and the diversity of biological systems



SOME INDIGENOUS WORDS FOR (AMERICAN) BADGER



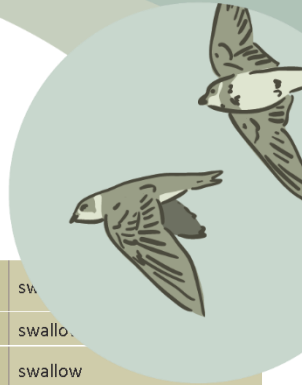
LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	ENGLISH DEFINITION
Algonquian	Anishnaubemowin		midanask	badger
Salishan (or Salish)	Hul'q'umi'num' / Halq'eméylem/ həŋqəmiŋəm	Halq'eméylem	melméłkw'es sqoyép	badger
	She shashishalhem		mámex-áy-shen	badger
	n̄eʔkepmxcin		q̄ələ́keʔ	badger
	Secwepemctsin		sq̄ítxleqs	badger
Ktunaxa	Ktunaxa		naḫmíʔ	badger

SOME INDIGENOUS WORDS FOR (BANK) SWALLOW



LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	ENGLISH	
Algonquian	Anishnabemowin		memisaadakoningwiigaans	bank swallow	
	Nēhiyawēwin	Plains Cree ("Y")	omīcaskosīs	swallow	
Athabaskan-Eyak-Tlingit (Or Na-Dené)	Gwich'in		sheihtsoo	swallow	
	Hän		kēlähjin	swallow	
	Dene Kede/North Slavey		Sahtú "Bearlake"	kats'eretta	swallow
			K'áhsho "Hare"	ts'edéhde	swallow
			Shúhta "Mountain"	ts'erehde	swallow
	Tse'khene	McLeod Lake		chąs'dazi	swallow
				mitsii' lhinikúja	swallow
	Nedut'en/Witsuwit'en		calhdzis	swallow	
	Dakelh			schas	swallow
				uschas	swallow
			'uchas	swallow	
Tsilhqot'in		chants'i	swallow		
Tsimshianic	Gitsenimx		hesayeyks	swallow	
	Nisga'a		hasyayks	swallow	
	S'malgyax		habaxyaamks	swallow	
Xaad Kil / Xaaydaa Kil	Xaad Kil / Xaaydaa Kil	Xaayda kil (Skidegate)	kud k'aaluu	swallow	

SOME INDIGENOUS WORDS FOR (BANK) SWALLOW



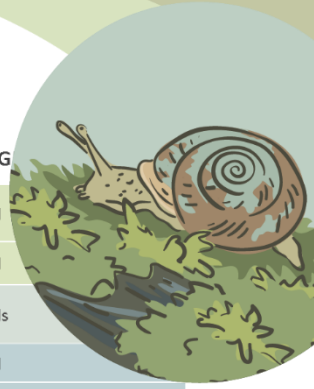
LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	
Wakashan	'Wuikala	'Uikala	zàzawika	swallow
	Haifzaqvla		mámátika	swallow
	Kwakwaka		mamatika	swallow
	diitiidʔaaʔtx		ʔaʔaaʔicʔaqaʔ	swallow
	Nuučaanuʔ		ʔaʔiinu	swallow
Salishan (or Salish)	Hul'q'umi'num'/Halq'eméylem/ həh'qəmi'nəh	Hul'q'umi'num'	qw'uqw'sutsun'	swallow
		Halq'eméylem	qw'si:tsel	swallow
	Nuxalk		qaaxatscili	swallow, barn
	She shashishalhem		ch'ich'elch'ilh	swallow
	nsyilxcən		həh'qə'cəh	swallow
	Secwepemctsin		sullnéhtkwe	swallow
		Eastern Secwepemc	sullallátkwa	swallow
	Státimcets		qíqt'sqeh	swallow
Ktunaxa	Ktunaxa		kyatʔanana	bank swallow

AN INDIGENOUS WORD FOR MARBLED MURRELET



LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	ENGLISH DEFINITION
Salishan (or Salish)	Hul'q'umi'num' / Halq'eméylem / həŋqəmiñəm	Halq'eméylem	xwí:leqw	big bird (large bird, of any kind, any waterfowl)

SOME INDIGENOUS WORDS FOR (OREGON FOREST-) SNAIL



LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	ENG
Algonquian	Anishnaubemowin		biīmanagaskwesii	snail
	Nēhiyawēwin	Plains Cree ("Y")	akahkway	snail
Athabaskan-Eyak-Tlingit (Or Na-Dené)	Dakelh		talook ts'it	snails
Tsimshianic	Gitsenimx		gwaat'lag	snail
	Nisga'a		gwaat'ag	snail
	Sgüüxs		hadza'üüla	snail
	Smalgyax		hats'a'üüit	snail
ᖃaad Kil / ᖃaaydaa Kil	ᖃaad Kil / ᖃaaydaa Kil	ᖃaayda kil (Skidegate)	st'al.ɩɩ	snail
Wakashan	'Wuikala	'Uikala	ḡvadas	snail
	Haíłzaqvla		ḡvadás	snail
	Nuučaanuł		ḡinmi	snail
Salishan (or Salish)	Hul'q'umi'num' / Halq'eméylem / hənqəmihən	Halq'eméylem	q'oyát'iyia	snail
		Hul'q'umi'num'	q'uyat'fun	snail
	Éy7á7juuthem		ɬaloqən	snail
	Nuxalk		t'aq'an	snail
			t'aat'q'ani	snail, small
	nsyilkən		łnit'ínʕat	snail
	Secwepemctsin	Eastern Secwepemc	tet'axsqwailc	snail
	Státimcets		ṭyáqan	snail
		ṭáqan	snail	
Ktunaxa	Ktunaxa		kísiʔaʔmaʔ	snail

SOME INDIGENOUS WORDS FOR OWL



LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	ENGLISH DEFINITION
Algonquian	Anishnaubemowin		gaakaabisheh	screech owl
	Nēhiyawēwin	Plains Cree ("Y")	amisk-ôhow	screech owl
Athabaskan-Eyak-Tlingit (Or Na-Dené)	Déne Sų́líné Yaté		mį́tdzaghe	owl
	Dakelh		mustzoon	owl
			musdzí	owl
			musdzoon	owl
	Hän		Ĕdzà̀y	owl
	Danezàgé'		mésdzìh	owl
	Tàftàn		meşdzī	owl
	Tse'khene	McLeod Lake	meh'zì	owl
	Nedut'en/Witsuwit'en		misdzì	owl
Tsimshianic	Gitsenimx̱		k'utk'unuxws	owl
	Nisga'a		k'utk'unukws	owl
	Sgüüx̱s		gwigwiniwks	owl
Wakashan	Nuučaanuŋ		ʔuxʷsuukʷin	owl
		Barkley	ʔuxsukʷin	owl

SOME INDIGENOUS WORDS FOR OWL



LANGUAGE FAMILY	LANGUAGE	DIALECT	WORD	ENGLISH
Salishan (or Salish)	Hul'q'umi'num' / Halq'eméylem/həŋqəmiñəŋ	Hul'q'umi'num'	spulqwitth'e'	screech owl
		Halq'eméylem	spopeleqwíth'a	screech owl
	SENĆOŦEN/Malchosen/ Lekwungen/Semiahmoo/ T'Sou-ke	SENĆOŦEN	SPE,PEL,ƷITƷE	screech owl
	She shashishalhem		(s-)kwákwelúxw-úm	screech owl
	Éy7á7juuthem		χexʔnek	owl
			χexneq	owl
	nteʔkepmxcín		skelúleʔ	owl
	nsyilxcən		sqəqax ^w	screech owl
	Secwepemctsin		scúpcu pt	screech owl
Státimcets		sqeqkw	screech owl	
Ktunaxa	Ktunaxa		kupi	owl



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Species at Risk Recovery Unit

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AMERICAN BADGER

INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years	Threats
Penticton Indian Band	Stewarding and Restoring Important Habitat on Penticton Indian Band Reserve Lands, and Developing a Conservation Agreement	IPI (other)	2019-20 to 2022-23	Residential and urban development Agriculture Mining Recreational activities Natural system modification Invasive species Pollution
Shuswap Indian Band	Supporting the Implementation of a Species at Risk Act S.11 Agreement for the Recovery of Species at Risk on Shuswap Indian Band Lands	IPI (other)	2019-20 to 2020-21	Agriculture Roads & railroads Natural system modification Invasive species
Okanagan Nation Alliance	Tri-lateral Species at Risk and Species of Cultural Concern Working Group to Implement Collaborative Restoration Actions in the Dry Interior of BC	IPI (other)	2018-19 to 2019-20	Residential and urban development Agriculture Mining & quarrying Roads & railroads Biological resource use Recreational activities Natural system modification Invasive species Climate change
Kamloops Indian Band	Tk'emlups te Secwepemc Snake Stewardship Project	AFSAR - SAR	2019-20 to 2020-21	

AMERICAN BADGER INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years	Threats
Kamloops Indian Band	Tk'emlups te Secwepemc Snake Stewardship Project	AFSAR - SAR	2019-20 to 2020-21	Residential and urban development Agriculture Mining Recreational activities Natural system modification Invasive species Pollution
Lillooet Tribal Council	Whitebark Pine Restoration in the St'át'imc Traditional Territory	AFSAR - SAR	2014-15 to 2016-17	Agriculture Roads & railroads Natural system modification Invasive species
Nk'Mip Desert Cultural Centre	Stewardship of Threatened and Endangered Snake Populations on Osoyoos Indian Band lands	AFSAR - SAR	2018-19 to 2019-20	Residential and urban development Agriculture Mining & quarrying Roads & railroads Biological resource use Recreational activities Natural system modification Invasive species Climate change
Kamloops Indian Band	Tk'emlups te Secwepemc Snake Stewardship Project	AFSAR - SAR	2019-20 to 2020-21	

AMERICAN BADGER INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years	Threats
Okanagan Indian Education Resources Society (En'owkin centre)	Ecommunity Place Locatee Lands Critical Habitat Securement (Lease Support)	AFSAR - SAR	2015-16	Residential and urban development Agriculture Mining Recreational activities Natural system modification Invasive species Pollution Roads & railroads Biological resource use Climate change
	ECOMmunity Place Locatee Lands SAR Habitat Protection, Restoration & Enhancement Project	HSP - SAR	2017-18 to 2019-20	
	ECOMmunity Place Locatee Lands Critical Habitat Securement Project	AFSAR - SAR	2016-17 to 2017-18	
	ECOMmunity Place Locatee Lands Critical Habitat Securement and Syilx TEK Project	AFSAR - SAR	2014-15	
	ECOMmunity Place Critical Habitat Securement Project	AFSAR - SAR	2012-13	
	The Locatee Lands/Ecommunity Place SAR Habitat Protection and SAR Habitat Collaborative Planning Project	AFSAR - SAR	2011-12	
	Collecting ATK on SAR by South Okanagan Similkameen Traditional Knowledge Joint Committee.	AFSAR - SAR	2009-10	

BANK SWALLOW INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years
Lower Kootenay Band	Yaqan Nukiy Wetland Restoration and Training Project	AFSAR - SAR	2018-19 to 2020-21

OFS INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years	Threats Addressed
Tzeachten First Nation	Tzeachten First Nation Protection and Restoration for Oregon Forestsnail and Completion of a SARA S. 11 Conservation Agreement	IPI (other)	2019-20 to 2021-22	Residential and commercial development
	Tzeachten Lot 20-7-2 Oregon Forestsnail Conservation Strategy	HSP - SAR	2017-18	Residential and commercial development
	Negotiation and Implementation of a S. 11 Conservation Agreement for Oregon Forestsnail	4051 (other)	2017-18 to 2018-19	Residential and commercial development
Popkum First Nation	Negotiation and Implementation of a S. 11 Conservation Agreement for Oregon Forest Snail	4051 (other)	2017-18 to 2018-19	Residential and commercial development
	Oregon Forestsnail Management and Conservation Strategy; Popkum First Nation Reserve 2, Bridal Falls British Columbia	HSP - SAR	2017-18 to 2018-19	Residential and commercial development

WESTERN SCREECH OWL INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years	Threats
En'owkin Centre	ECOMmunity Place Critical Habitat Securement and Stewardship Project	AFSAR - SAR	2013-14	Agriculture Biological resource use Natural system modification Invasive species Climate change
Lower Similkameen Indian Band	Stewarding and Restoring Important Habitat on Lower Similkameen Indian Band Reserve Lands, and Developing a Conservation Agreement	IPI (other)	2019-20 to 2022-23	
	Spotted Lake-ATK Legacy Project	HSP - SAR	2007-08	
	Landowner Contact and Habitat protection on Lower Similkameen Indian Band Lands	HSP - SAR	2006-07	
	Protecting Species At Risk On Lower Similkameen Reserve Lands	AFSAR - SAR	2015-16	
	Restoration and Protection of Riparian Habitat within the Lower Similkameen Valley	HSP - SAR	2010-14	
	Building Capacity for Species At Risk Protection on Lower Similkameen Reserve Lands	AFSAR - SAR	2010-15	
	Species At Risk Protection Programming for the South Okanagan Similkameen Syilx Environmental Committee	AFSAR - SAR	2010-13	

WESTERN SCREECH OWL INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Years
Naut'sa mawt Tribal Council	Addressing Conservation Knowledge And Expertise Gaps For The People Of The Salish Sea	AFSAR - SAR	2015-16
Okanagan Indian Education Resources Society (En'owkin centre)	Ecommunity Place Locatee Lands Critical Habitat Securement (Lease Support)	AFSAR - SAR	2015-16
	ECommunity Place Locatee Lands Floodplain Re-engagement Project: Pre-construction Assessments	AFSAR - SAR	2018-19 to 2019-20
	ECommunity Place Locatee Lands Critical Habitat Securement Project	AFSAR - SAR	2016-17 to 2017-18
	ECommunity Place Locatee Lands Critical Habitat Securement and Syilx TEK Project	AFSAR - SAR	2014-15
	ECommunity Place Critical Habitat Securement Project	AFSAR - SAR	2012-13
	Implementing Traditional Ecological Knowledge for habitat stewardship of Species at Risk	HSP - SAR	2010-11
	The Locatee Lands/Ecommunity Place SAR Habitat Protection and SAR Habitat Collaborative Planning Project	AFSAR - SAR	2011-12
	The Locatee Lands/Ecommunity Place SAR Habitat Protection and Habitat Increase Planning Project.	AFSAR - SAR	2010-11
	Protecting SAR in Locatee Lands/Ecommunity Project	AFSAR - SAR	2009-10
	Collecting ATK on SAR by South Okanagan Similkameen Traditional Knowledge Joint Committee.	AFSAR - SAR	2009-10

WESTERN SCREECH OWL INDIGENOUS LED PROJECTS



Indigenous Group	Proposal Title	Program	Fiscal Year
Naut'sa mawt Tribal Council	Riparian habitat rehabilitation of priority sites for Yellow-Breasted Chat recovery in the south Okanagan, British Columbia	HSP - SAR	2007-14
Okanagan Indian Education Resources Society (En'owkin centre)	Strengthening capacity and building collaborative approaches and strategies to improve recovery planning for species at risk in the South Okanagan-Similkameen region	AFSAR - SAR	2014-15
	Developing effective communication tools and collaborative approaches to strengthen conservation planning for species at risk in the South Okanagan-Similkameen region	AFSAR - SAR	2013-14
Splitrock Environmental	Western Screech Owl And Great Basin Gopher Snake Habitat Restoration In The Seton River Corridor	AFSAR - SAR	2015-16