

Terrestrial Species At Risk

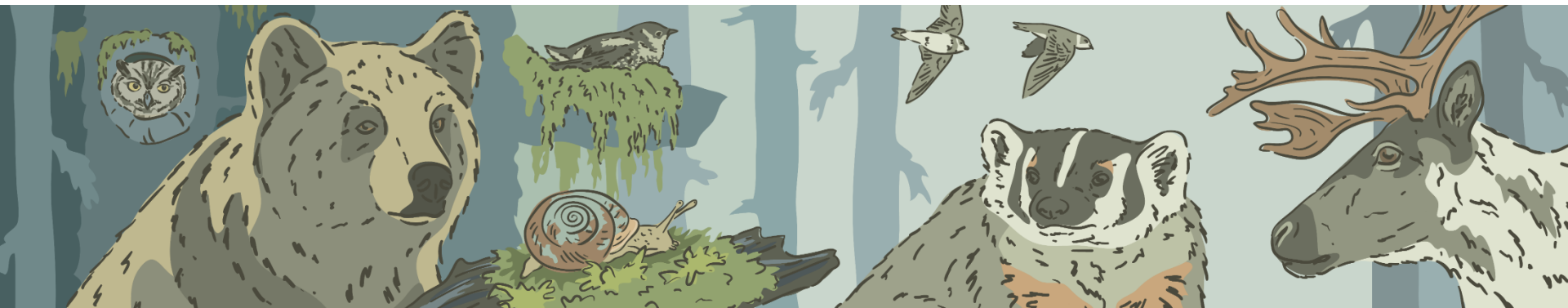
Tools and Resources

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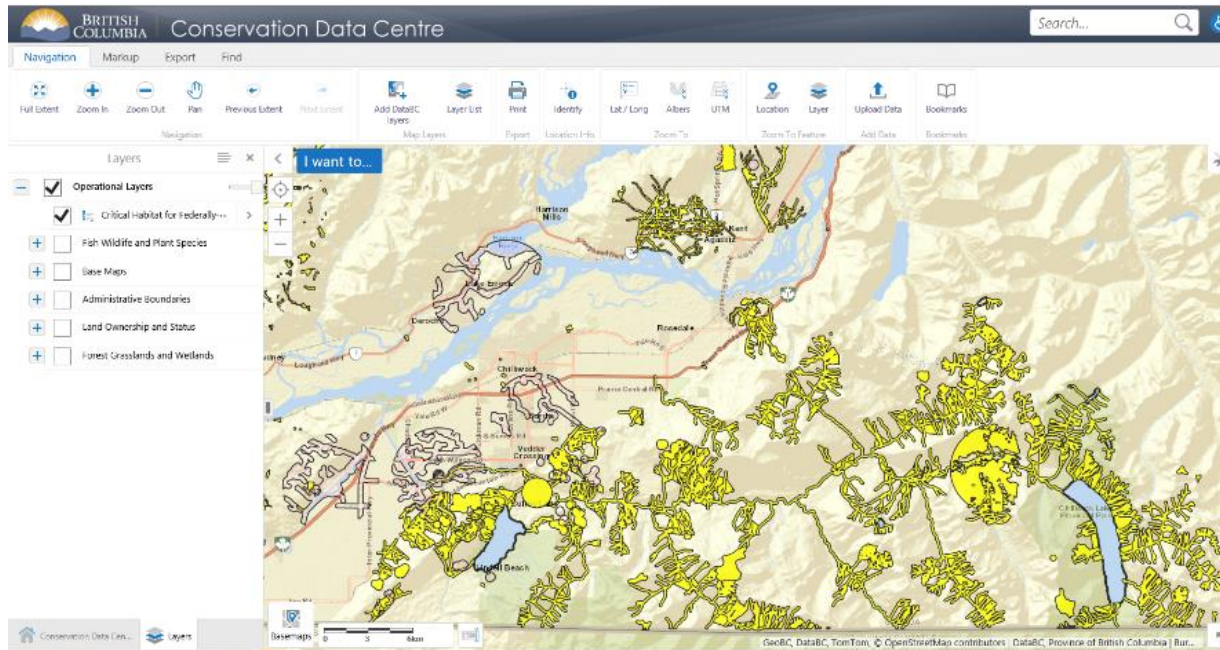
RESOURCES TO AID IN SPECIES AT RISK CONSERVATION AND PROTECTION

- Critical Habitat mapping and data sharing agreements
- Field Guides
- Online tools
- Funding



WHERE TO FIND CRITICAL HABITAT INFO

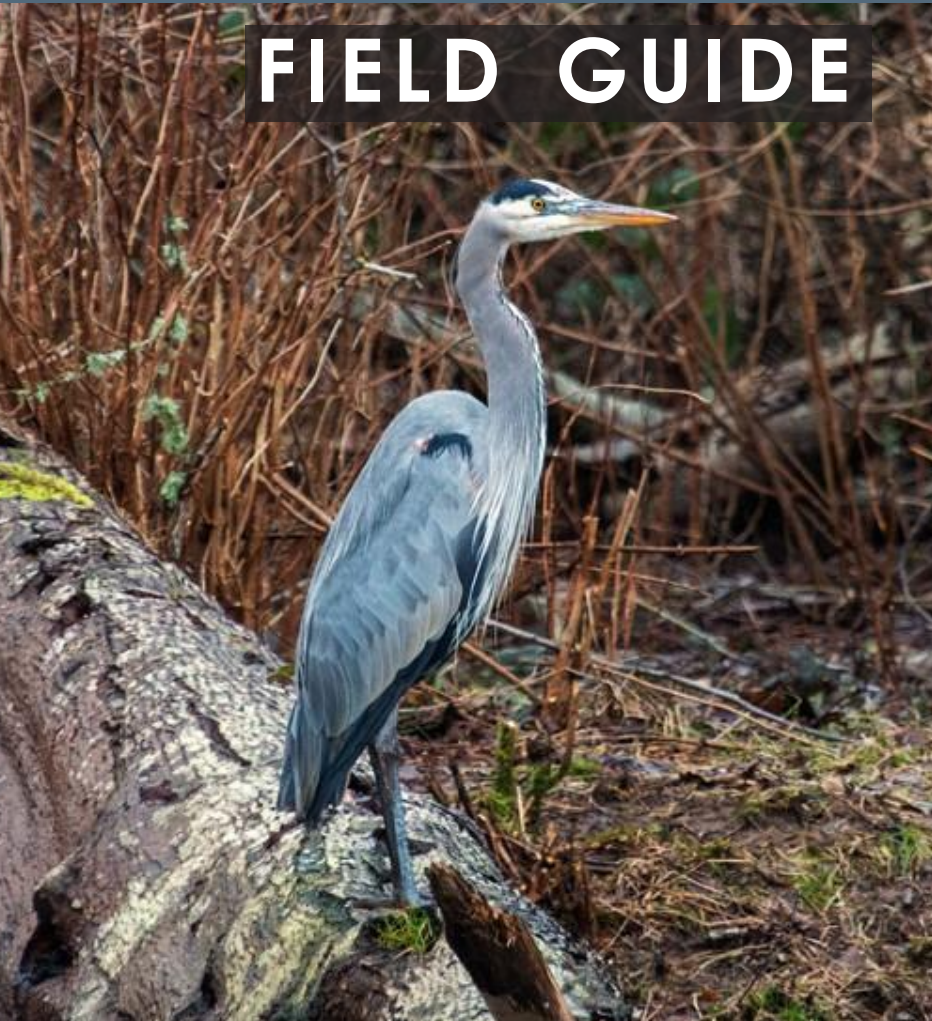
1. SARA Public Registry @ sararegistry.gc.ca/
2. iMap @ <http://maps.gov.bc.ca/ess/hm/cdc/>
3. Open Data Portal @ open.canada.ca/
4. Federal Data Sharing Agreement



SPECIES AT RISK

I N S O U T H W E S T B C

FIELD GUIDE



Coastal Giant Salamander

(Threatened)

The Coastal Giant Salamander is the largest salamander in Canada. It is ~35 cm (~14") in length. It has a thick body and legs, a large head and a blunt snout. When living in water, they are dark grey on top with a light underside. Adults found on land have marbled skin with tan, copper or gold mixed with dark brown to grey.



© Hugh Griffith

The Coastal Giant Salamander is found in the Chilliwack River Valley of BC.

HABITAT

- Mostly aquatic, including small, shaded streams that are cool and clean, with rocky bottoms, many pools, and slow, choppy ripples
- Less common habitat includes damp, mature forest with decaying logs and leaves

THREATS TO SURVIVAL OR RECOVERY

- Habitat loss or damage to streams and forests caused by industrial and residential development activities
- A fungal disease spreading in frogs and salamanders
- Herbicides, pesticide run-off, and removal of stream side vegetation
- Introduced fish that eat young salamanders

BC SPECIES AT RISK INFORMATION TOOLS

- List of species and ecosystems in BC ([BC Species & Ecosystem Explorer](#))
- Map known locations, elemental occurrence ([CDC iMap](#))
- [Conservation Framework Results](#) (species and ecosystem outputs)
- [Hectares BC](#) (priorities and actions for species and outputs)
- [Green Bylaws Toolkit](#)

Quick Search

Note: When selecting multiple criteria, the Search Results will show taxa/communities that meet ALL chosen conditions (e.g. Blue-listed lichens within the Capital Regional District).

Search by Name and/or Group

Name

Scientific English Species Code

Groups

- Animals
- Plants
- Lichens
- Macrofungi
- Ecological Communities

Search by Conservation Status or Legal Designation

Search by Area

Other Search Options

Scientific Name	English Name	Biogeoclimatic Units	Provincial	BC List	Global	COSEWIC	SARA	Provincial FRPA	Land Use Objectives	CDC Mapped Locations	Reports
<i>Dracylesmus marmoratus</i>	Marbled Murrelet	CDP CWH MH	S3B.S3N (2015)	Blue	G3 (2016)	T (2012)	1-T (2003)	Y			



POLL

- Have you used any of these tools and resources?
- Are there other tools and resources you use?
- Have you been involved in a federally or provincially funding species at risk project?

FUNDING FOR SPECIES AT RISK WORK

- Aboriginal Fund for Species at Risk
- Habitat Stewardship Program
- Critical Habitat Interdepartmental Program
- Species at Risk Partnerships on Agricultural Lands
- Canada Nature Fund
 - **Priority Places**
 - **Community Nominated Priority Places**
 - Indigenous Guardians

PRIORITY PLACES AND COMMUNITY NOMINATED PRIORITY PLACES (CNPP)

- 11 Priority Places across Canada identified by ECCC (2 in BC)
- CNPPs are hotspot areas for species at risk outside of the Priority Places
- The goal is to develop and implement ecosystem-based conservation plans
- Partners to work together on shared priority actions, such as:
 - habitat stewardship
 - habitat restoration
 - targeted education and outreach

**PRIORITY PLACES
IN BC**

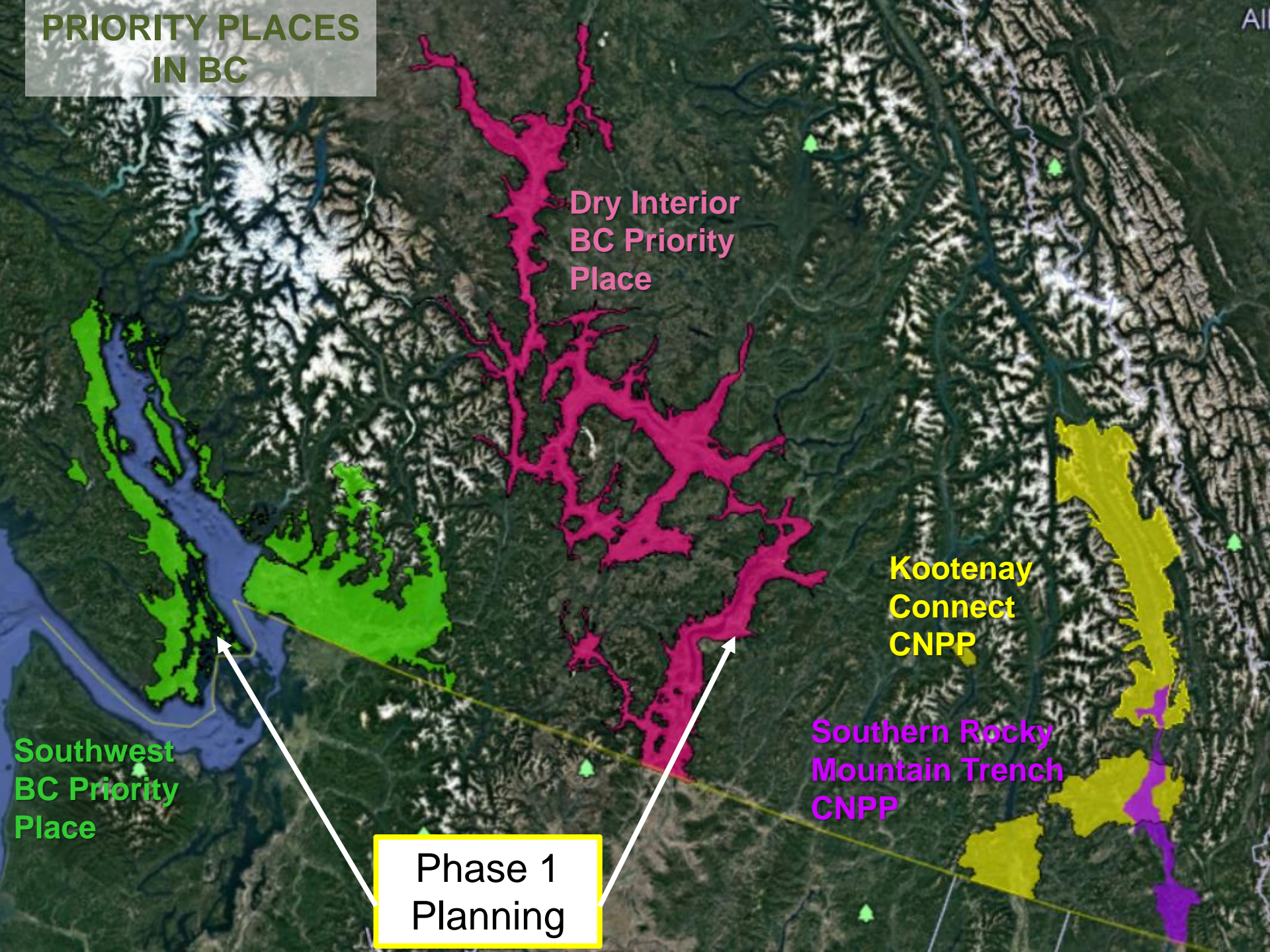
**Dry Interior
BC Priority
Place**

**Kootenay
Connect
CNPP**

**Southern Rocky
Mountain Trench
CNPP**

**Phase 1
Planning**

**Southwest
BC Priority
Place**



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Source: Blair Hammond