

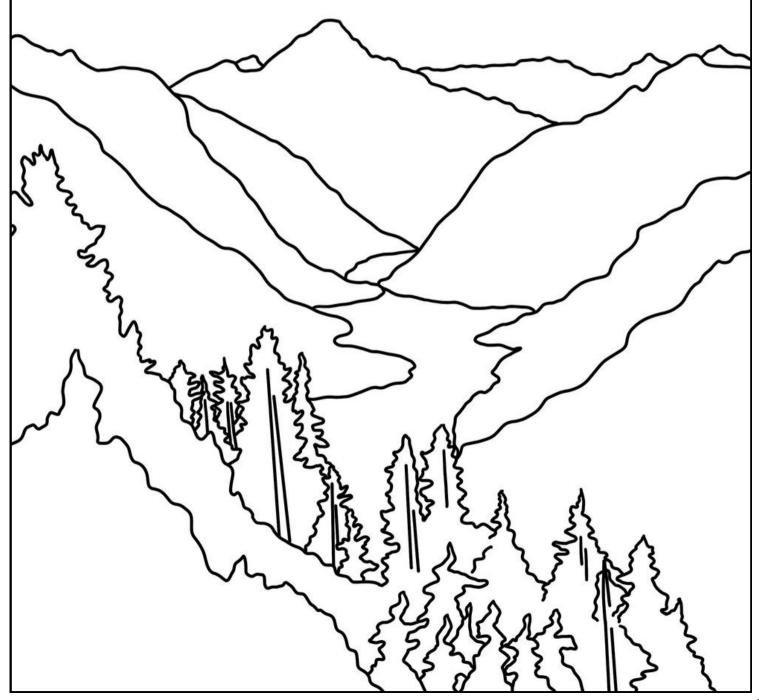
ACKNOWLEDGEMENTS

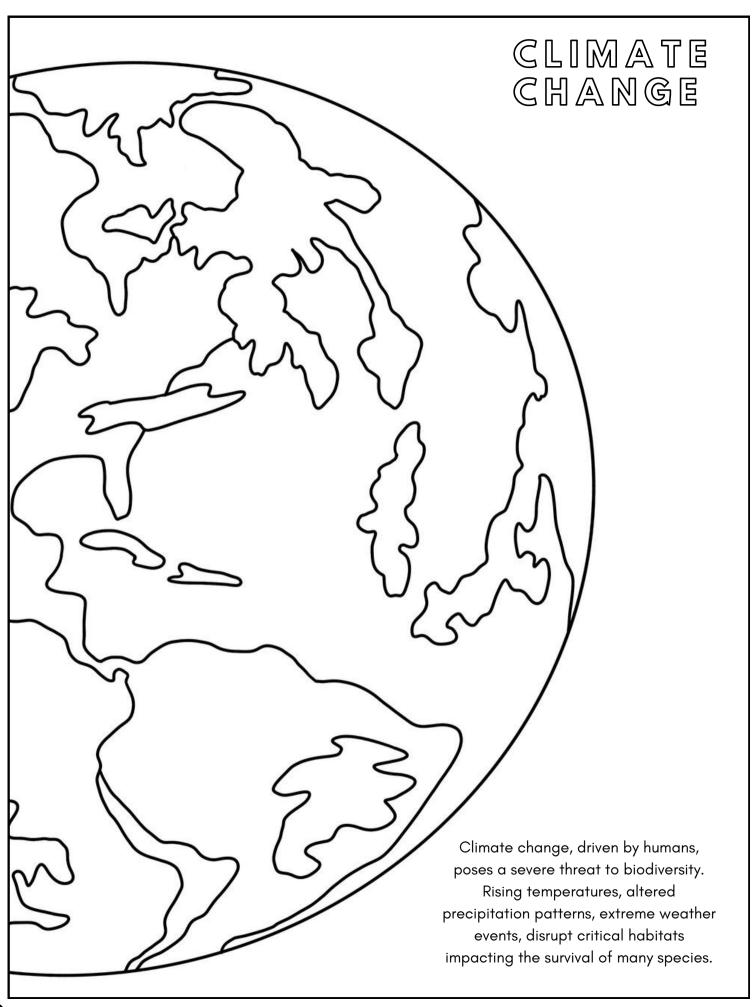
With support from Ocean Wise this project has been created in commemoration of the lives of all the victims of Ethiopian Airlines Flight 302, including two Ocean Bridge ambassadors, Danielle Moore and Micah Messent. We aspire to carry on their legacy and commitment to making the world a better place by creating long-lasting impacts with a firm commitment to driving positive change for the environment and our ocean.

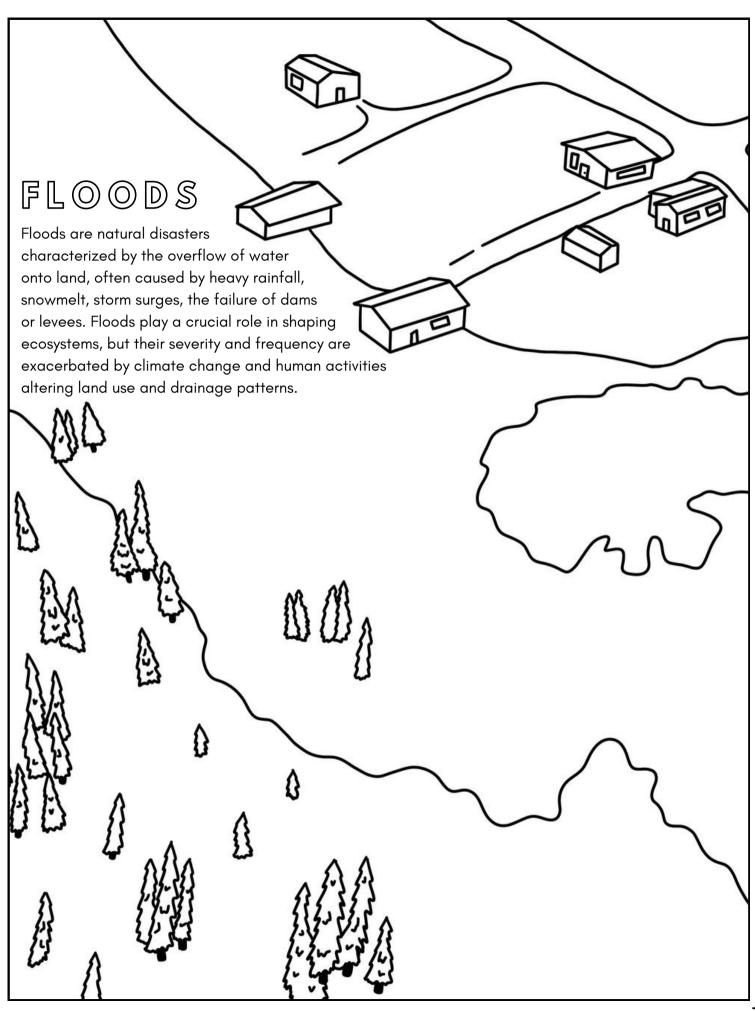


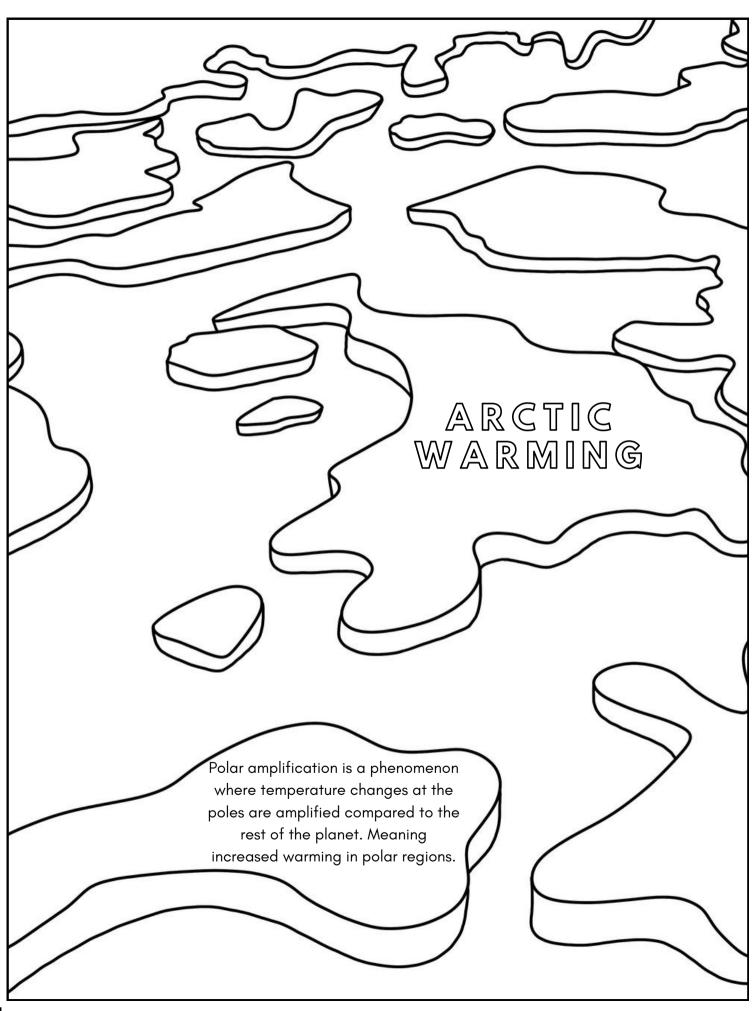
WELCOME AANII

Conservation is vital for preserving the Earth's biodiversity and ecosystems. Colouring for conservation was made with the intention to teach others about various endangered species in Canada, giving a voice to these organisms. By promoting environmental awareness, we aim to amplify conservation efforts and contribute to the long-term well-being of our planet. Developed in Adaawe (Ottawa), Ontario, we aim to honor the peoples of the Algonquin Anishinaabe Nation, whose land we inhabit. We express gratitude to all Indigenous communities across Turtle Island, who are at the forefront of conservation, and who are the traditional guardians of this land, past, present, and future.



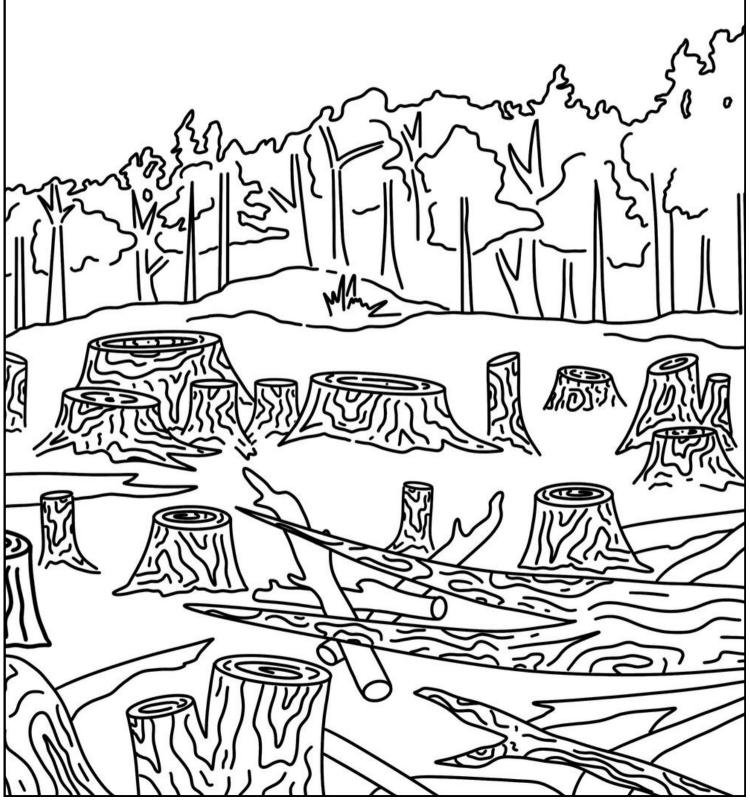


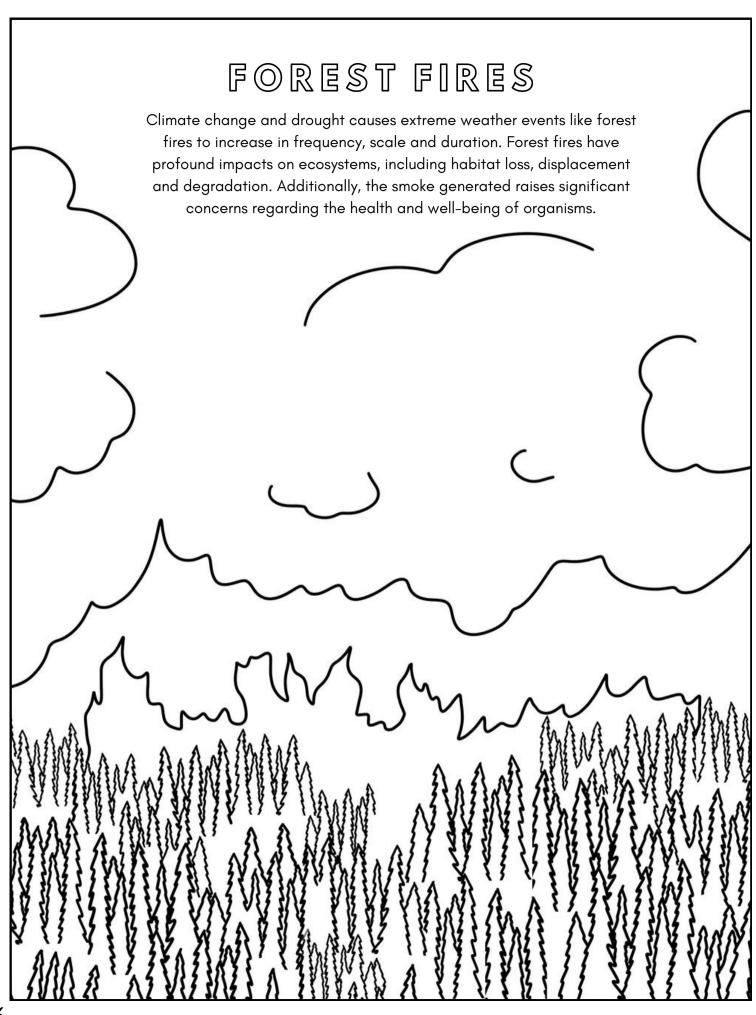


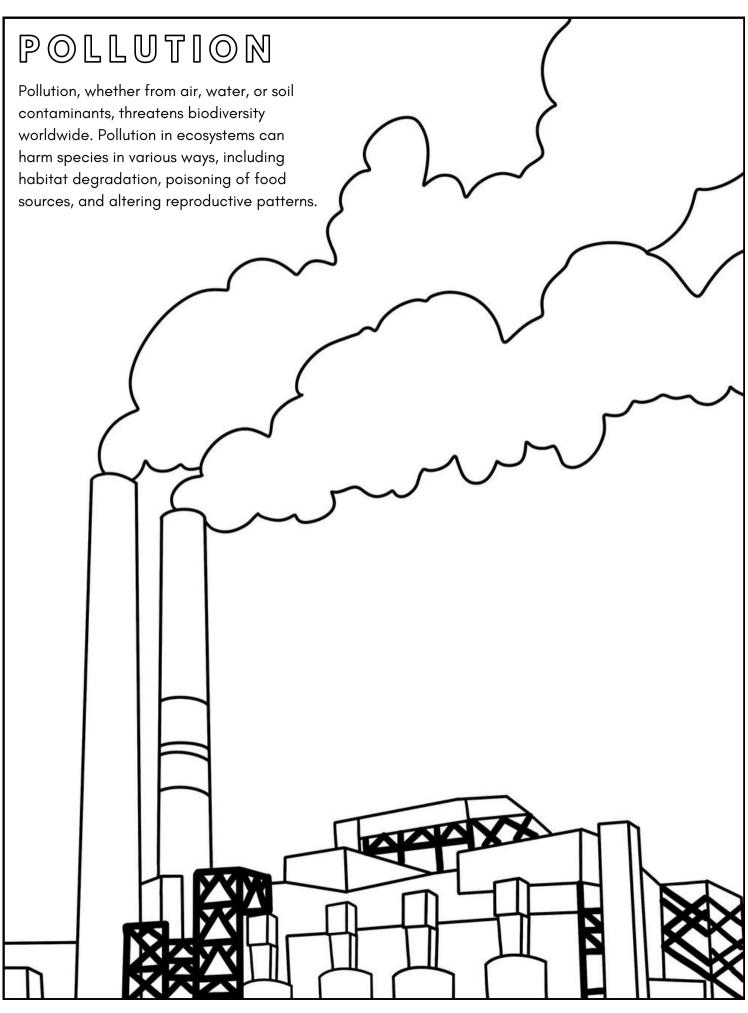


HABITAT DESTRUCTION

Habitat destruction and loss is driven by human activities like deforestation and urbanization. This destruction leads to the displacement of species and disruption of ecosystems.







SPECIES AT RISK ACT

The Species at Risk Act (SARA) in Canada, established in 2002, is a federal law designed to safeguard species on the brink of extinction. It outlines processes for **Endangered** - Species facing imminent extirpation or extinction in a specific identifying, evaluating, and protecting at-risk species and their vital habitats. The legislation advocates for region the collaboration of federal, provincial, Indigenous, and Threatened - Species likely to become other stakeholders to collectively minimize and prevent endangered harm by promoting conservation. Each species is classified to help guide assessments, conservation **Special Concern** - Species that may efforts, policies, and resource allocation to become threatened or endangered address the specific needs and challenges faced by each category of **Extirpated** - Species that no longer species at risk. exists in the wild within a specific geographic area

AMERICAN GINSENG

RANGE - Across Turtle Island

SPECIES STATUS - Endangered

American Ginseng (*Panax quinquefolius*) is threatened by habitat loss caused by logging, agriculture, and development. This wild perennial plant has become very rare in Canada, and the harvest of wild American ginseng is now considered unsustainable. It is susceptible to diseases and pests, and its slow growth and reproduction make it particularly vulnerable to population decline.

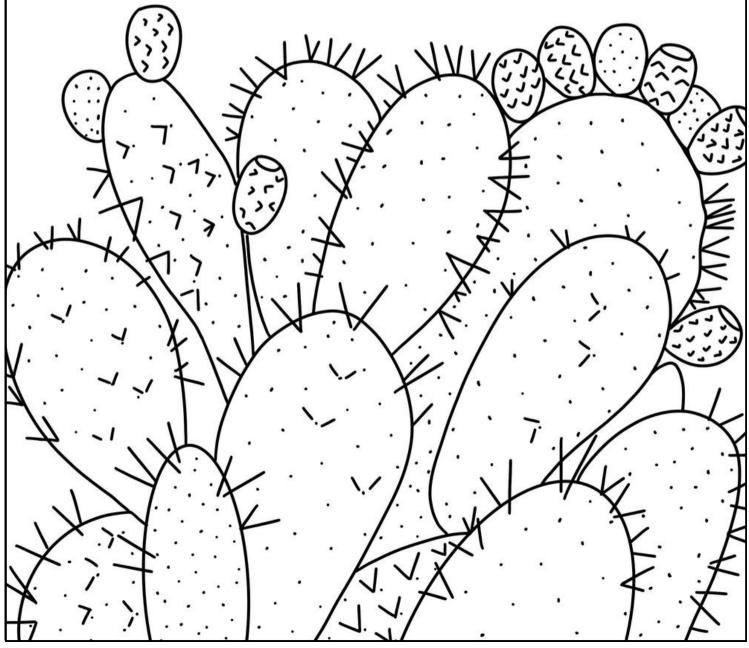


EASTERN PRICKLY PEAR CACTUS

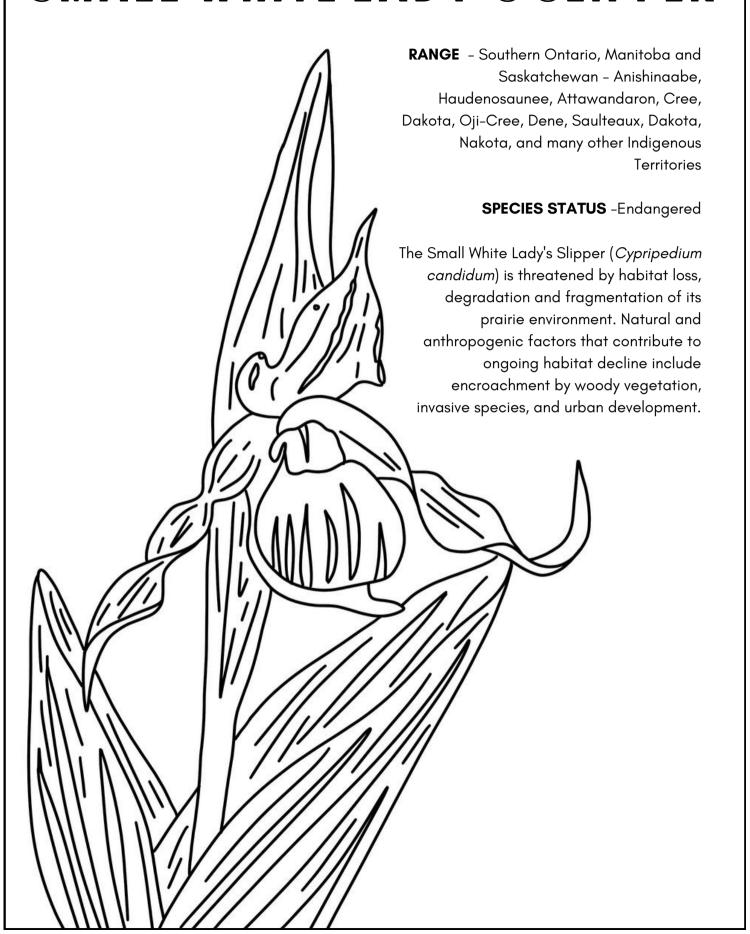
RANGE – Eastern and Southern Ontario –Haudenosaunee, Anishinaabe, and Huron–Wendat and many other Indigenous Territories

SPECIES STATUS - Endangered

The Eastern Prickly Pear Cactus (*Opuntia humifusa*) is threatened by habitat loss due to urbanization, agriculture, land development and shoreline erosion. Climate change and invasive plants such as Spotted Knapweed (*Centaurea stoebe*) and White Sweet-clover (*Melilotus alba*) out-compete Eastern Prickly-pear Cactus and threaten its ability to persist in its native habitats.



SMALL WHITE LADY'S SLIPPER

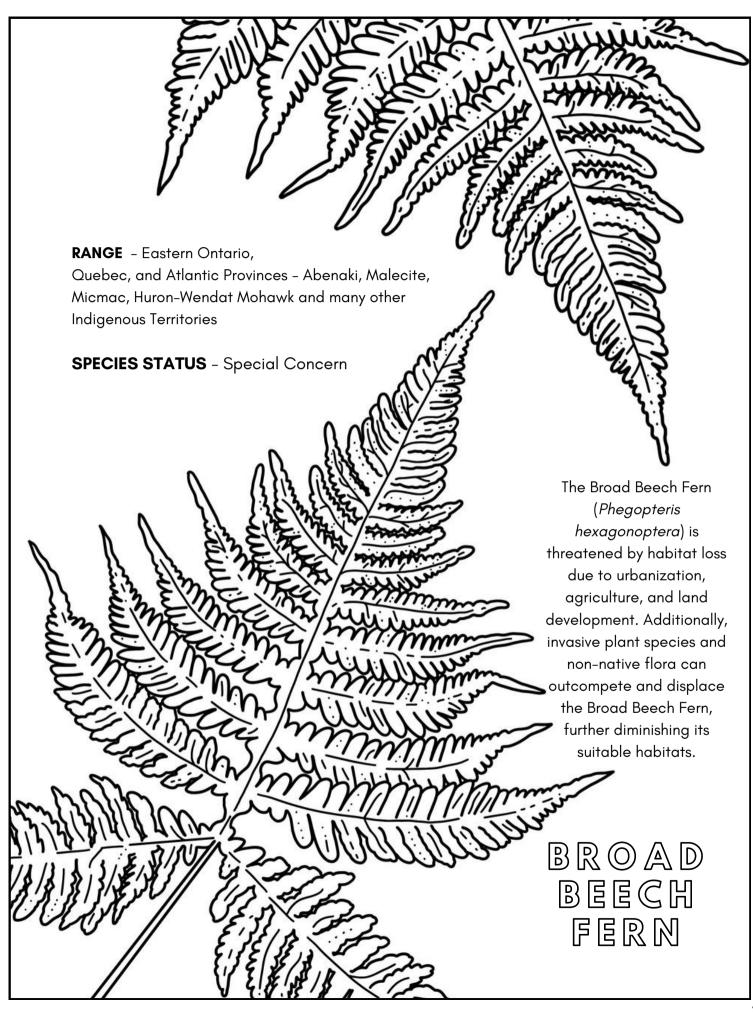


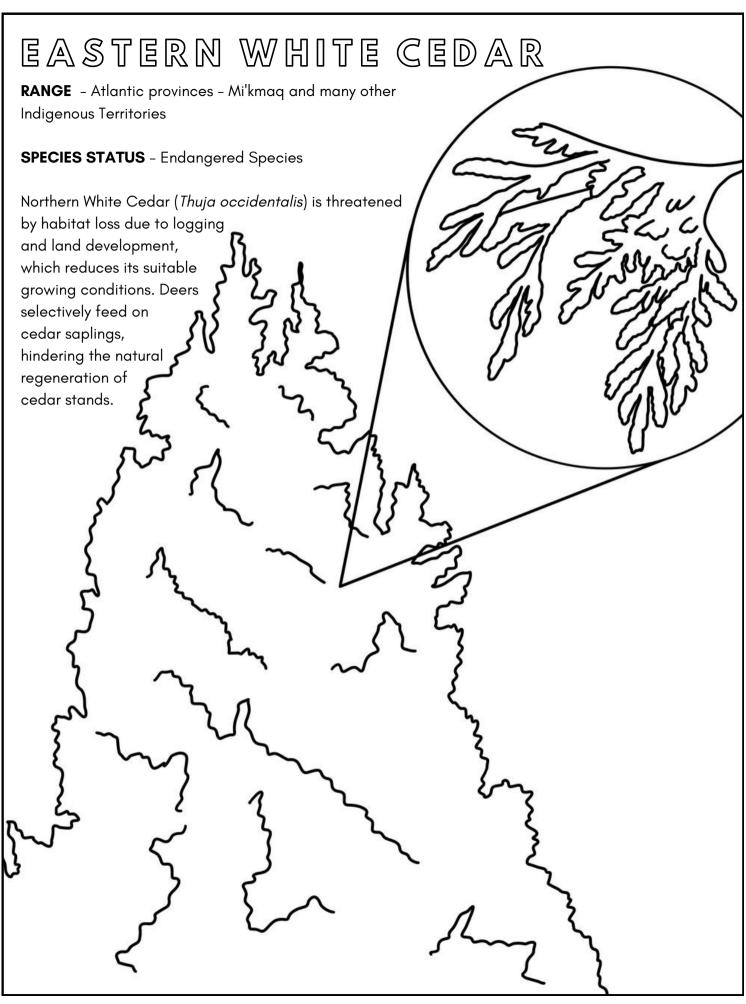
BOREAL FELT LICHEN

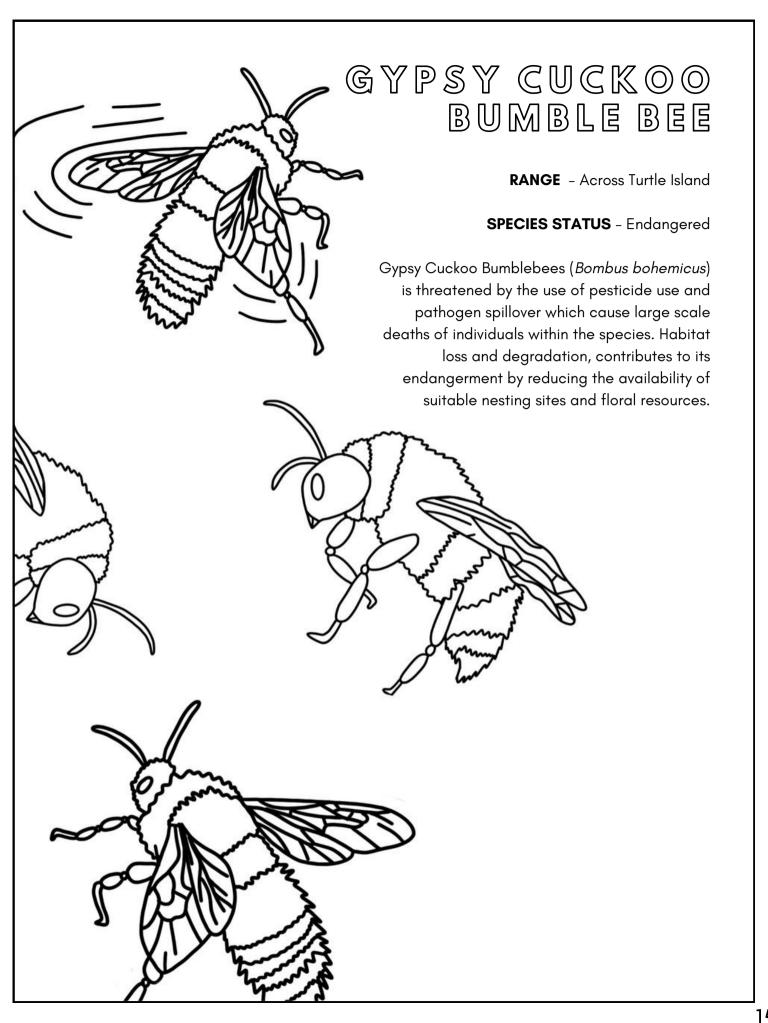
RANGE - Across Turtle Island

SPECIES STATUS - Endangered

The Boreal Felt Lichen (Erioderma pedicellatum) is threatened by habitat loss caused by forestry practices and climate change impacts on its sensitive boreal forest environment. Clear-cutting and logging activities disrupt the lichen's substrate and microclimate, while increased temperatures and changes in precipitation patterns affect its growth and survival.







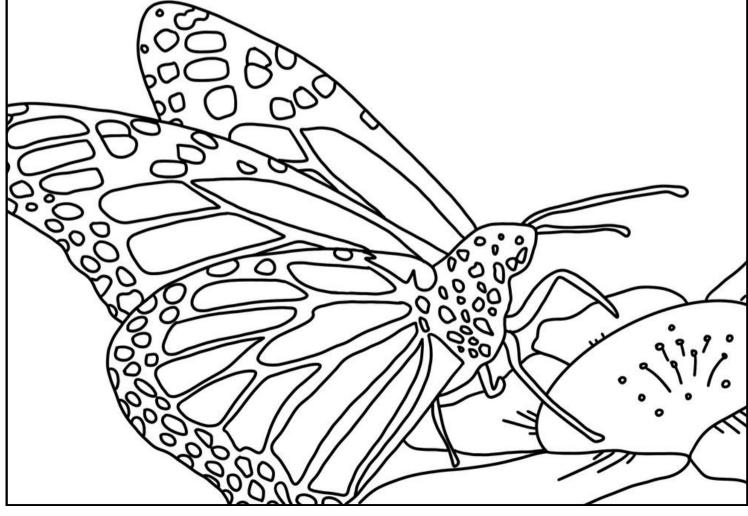
MONARCH BUTTERFLY

RANGE - Across Turtle Island

SPECIES STATUS - Special Concern

The monarch butterfly (*Danaus plexippus*) faces several threats. The loss of milkweed plants, which serve as a food source for monarch caterpillars, is a significant concern. Climate change can affect the butterflies' migratory patterns and alter the availability of suitable habitats. Pesticides and parasites can be harmful to both caterpillars and adult butterflies. The loss of breeding habitat through much of the United States has strongly influenced the decline in overwintering monarch population.



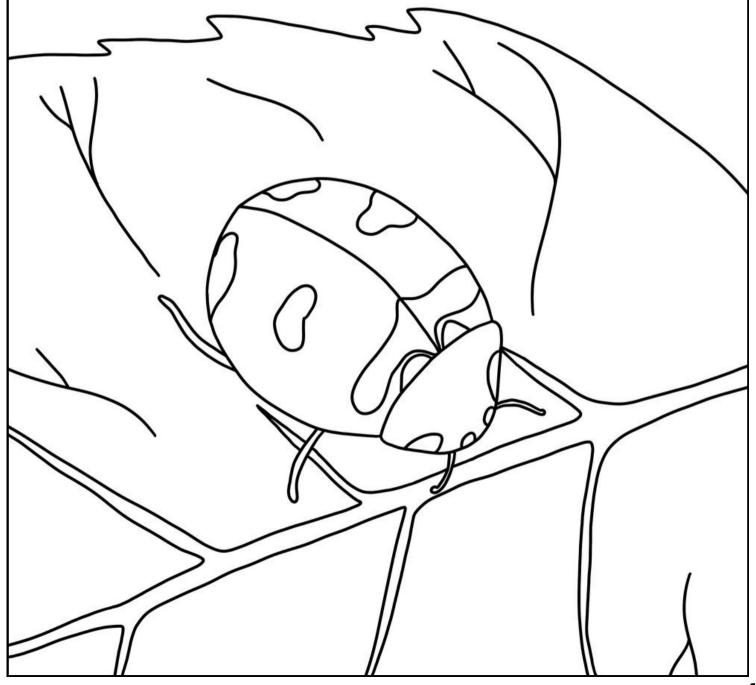


TRANSVERSE LADY BEETLE

RANGE - Across Turtle Island

SPECIES STATUS - Endangered

The transverse lady beetle (*Coccinella transversoguttata*) is considered a species at risk due to habitat loss and fragmentation, particularly the decline of its preferred habitats like grasslands and meadows. The introduction of invasive (non-native) lady beetle species that compete for food and resources, parasitic species such as wasps and mites that prey on the lady beetle, and pathogenic organisms that cause diseases have all caused threats to the species health.

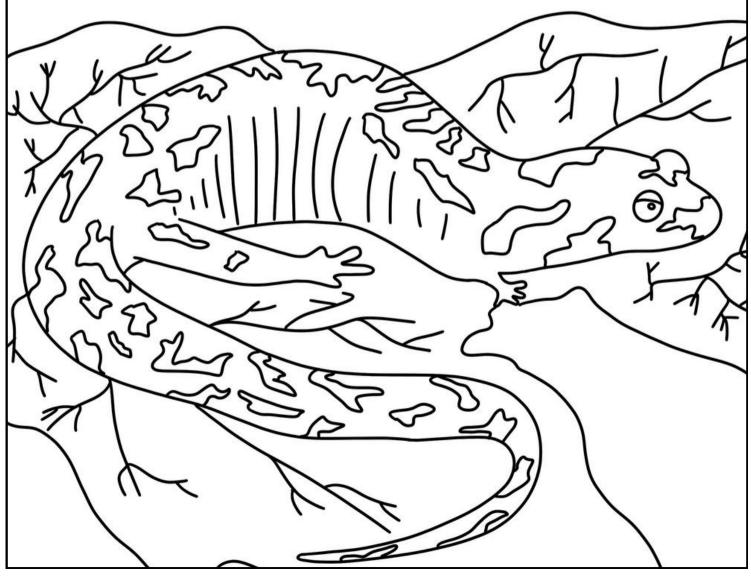


ALLEGHENY MOUNTAIN DUSKY SALAMANDER

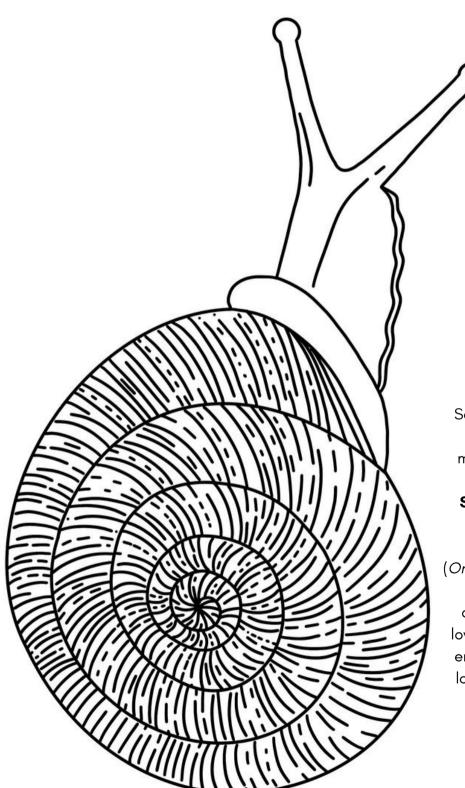
RANGE – Quebec and Southern Ontario – Kanien'kehá:ka (Mohawk), Abenaki, Huron–Wendat, Haudenosaunee, Anishinaabe, Attawandaron and many other Indigenous Territories

SPECIES STATUS - Endangered

The quality and quantity of groundwater directly impacts the livelihood of (*Desmognathus ochrophaeus*) Allegheny Mountain Dusky Salamanders. Poor or altered environmental conditions can result in the loss of critical habitat. These threats can be caused by dams and water management.



BLACK HILLS MOUNTAIN SNAIL



RANGE - Alberta and Saskatchewan - Cree, Saulteaux, Nakota Sioux, Dene, Métis and many other Indigenous Territories

SPECIES STATUS - Endangered

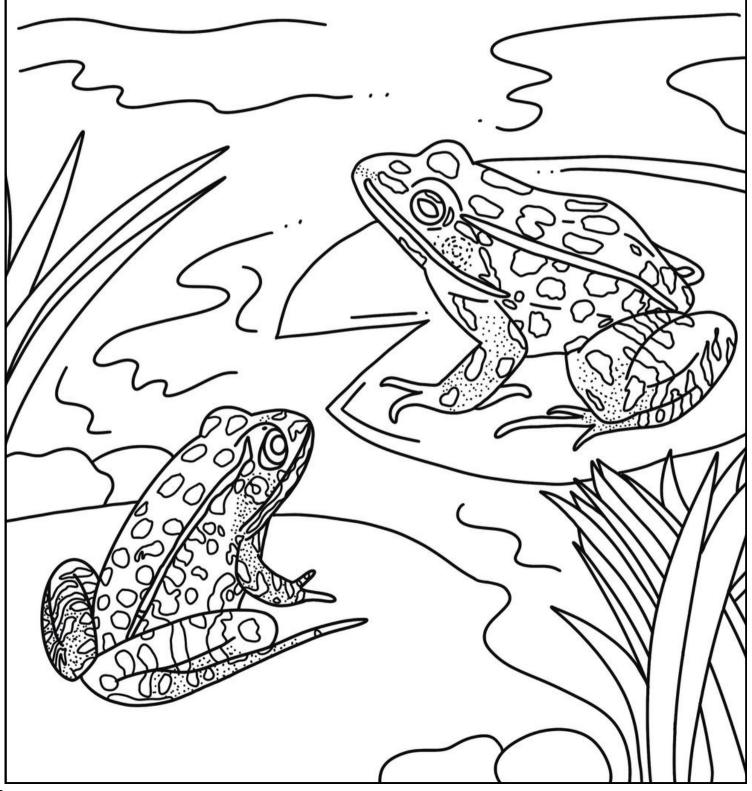
Black Hills Mountain Snails (Oreohelix cooperi) are threatened by environmental disasters like drought and wildfires. They have low adaptive capacity and due to environments changing rapidly by logging, mining, and construction activities. These organisms have become threatened.

RANGE - Across Turtle Island

NORTHERN LEOPARD FROG

SPECIES STATUS - Endangered

The Northern Leopard Frog (*Lithobates pipiens*) is threatened by wetland degradation and loss, which serves as essential breeding and feeding grounds for these frogs. This contributes significantly to their decline. Additionally, the spread of the amphibian chytrid fungus and pesticide exposure further threaten these populations.



MIDLAND PAINTED TURTLE

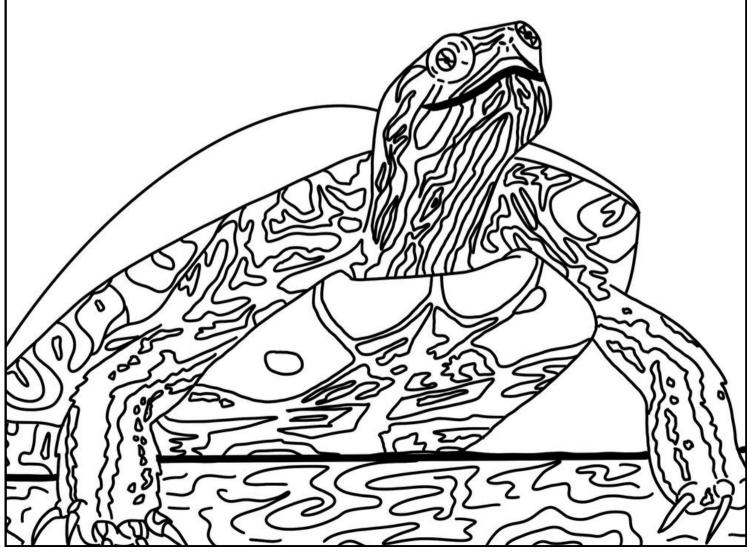
RANGE - Central and Southern Ontario and Southern

Quebec - Anishinaabe, Haudenosaunee, Huron-Wendat and

many other Indigenous Territories

SPECIES STATUS - Special Concern

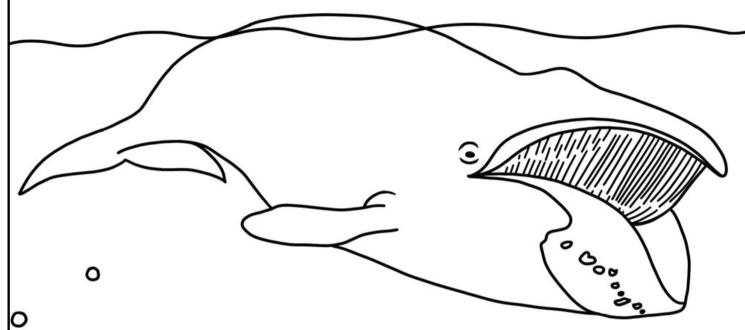
The midland painted turtle (*Chrysemys picta marginata*) is threatened by loss, degradation and fragmentation of habitat. Nest predation, particularly by raccoons, foxes and skunks, and increases where human activities inadvertently redistribute such predators, are causes for decline. As is the case with many turtle species, nesting females are highly vulnerable to road mortality, because they use the soft shoulders of roads as nest sites.



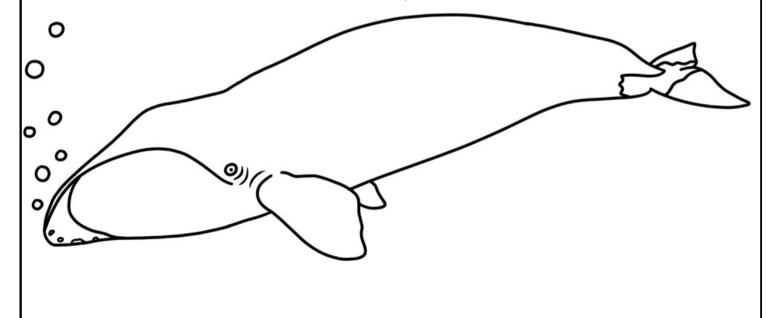
BOWHEAD WHALE

RANGE – Arctic – Inuit Nunangat, Inuvialuit, Nunavut, Nunavik, and Nunatsiavut, Gwich'in, Sahtu, Dene,and many other Indigenous Territories

SPECIES STATUS - Special concern



Bowhead whale (*Balaena mysticetus*) populations are exposed to various human-caused stressors and threats. These include pollution, such as spilled oil, heavy metals, chemicals, and debris. Interactions with marine vessels which can strike whales are also a concern. Noise pollution from marine human activities can interrupt bowhead whales' feeding, navigation, communication, and their ability to detect and avoid predators.

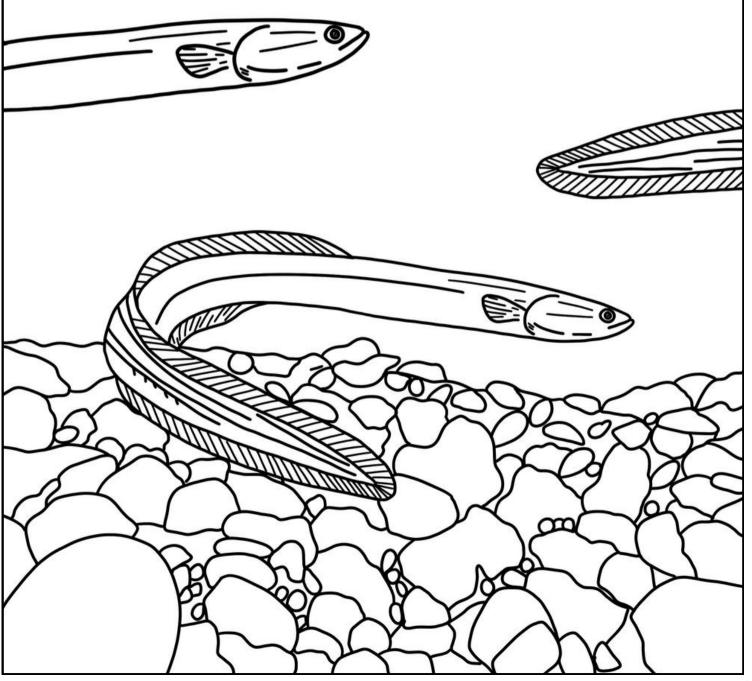


AMERICAN FRESHWATER EEL

RANGE - Ontario, Quebec and Atlantic Canada - Anishinaabe, Haudenosaunee, Attawandaron, Innu, Inuit, Mi'kmaq, Kanien'kehá:ka (Mohawk), Abenaki, Huron-Wendat, and many other Indigenous Territories

SPECIES STATUS - Endangered

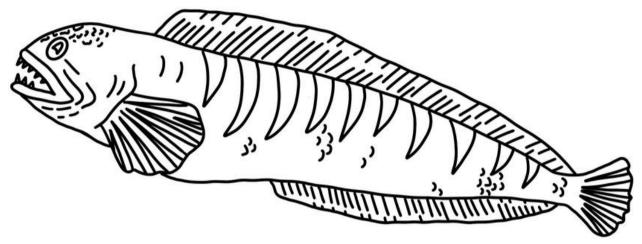
The American Eel (Anguilla rostrata) is considered a species at risk due to a combination of factors such as habitat loss, barriers to migration, and changing freshwater conditions. Dams and other barriers obstruct the natural migration routes of eels, affecting their ability to complete their life cycle.

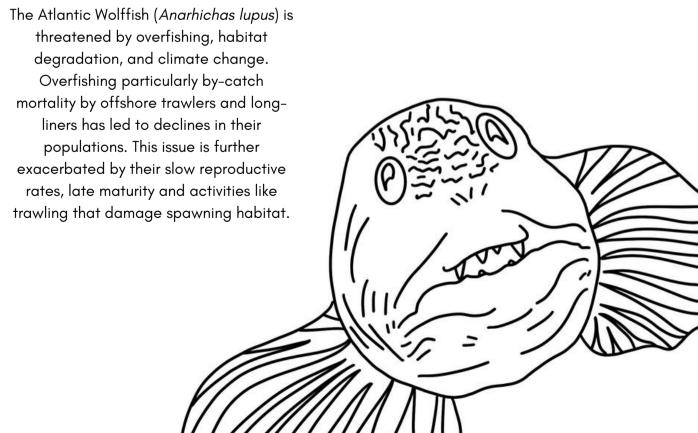


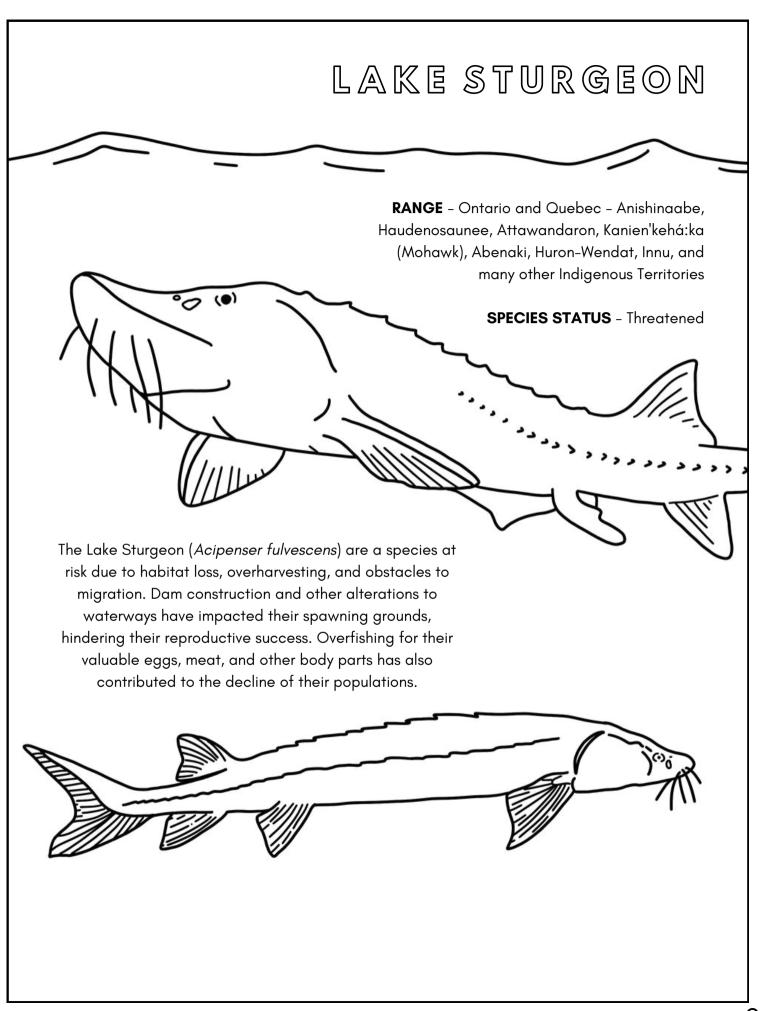
ATLANTIC WOLFFISH

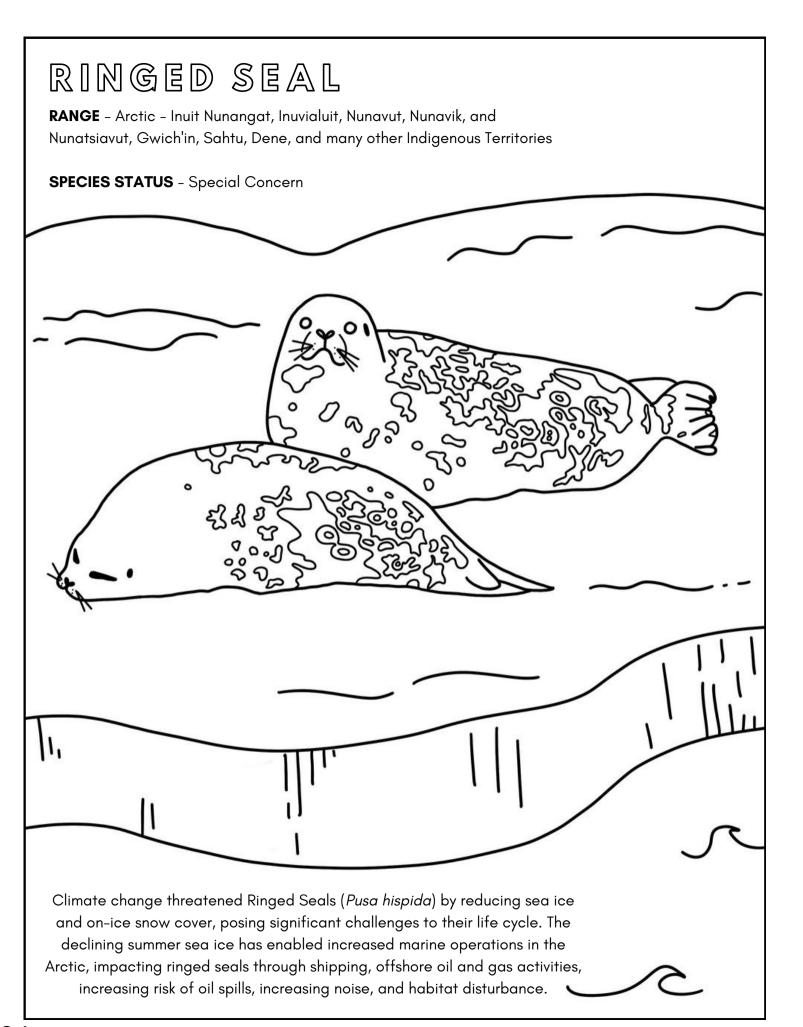
RANGE - Atlantic Provinces - Mi'kmaq, Maliseet, Passamaquoddy, Innu, Beothuk and many other Indigenous Territories

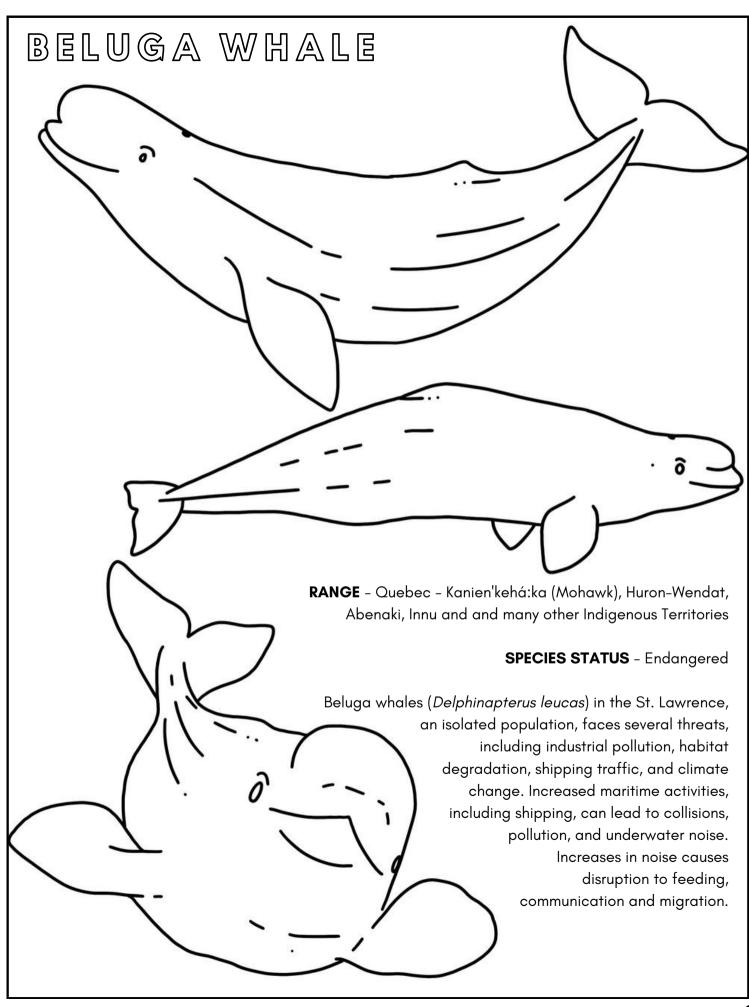
SPECIES STATUS - Special Concern









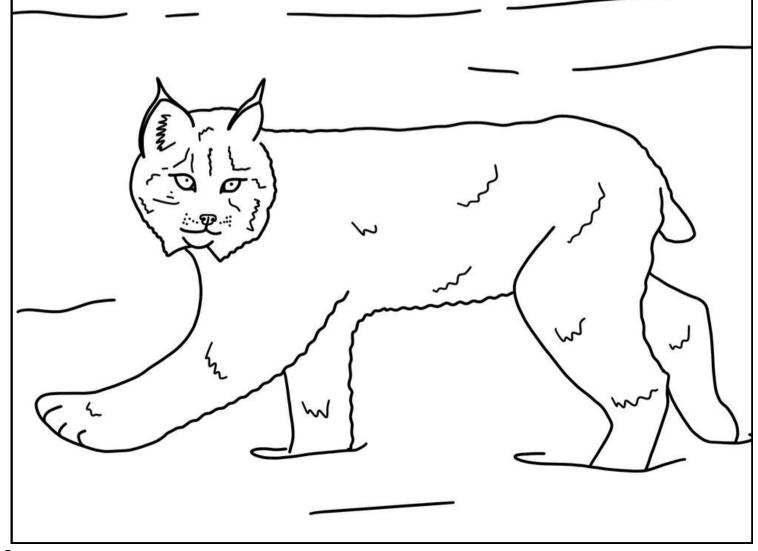


CANADA LYNX

RANGE - Across Turtle Island

SPECIES STATUS - Regionally Endangered

The lynx (Felis lynx canadensis) relies on dense boreal forests for its habitat and are present throughout Turtle Island. Threats to lynx are deforestation and climate change which impact the availability of the lynx's preferred snowshoe hare prey.

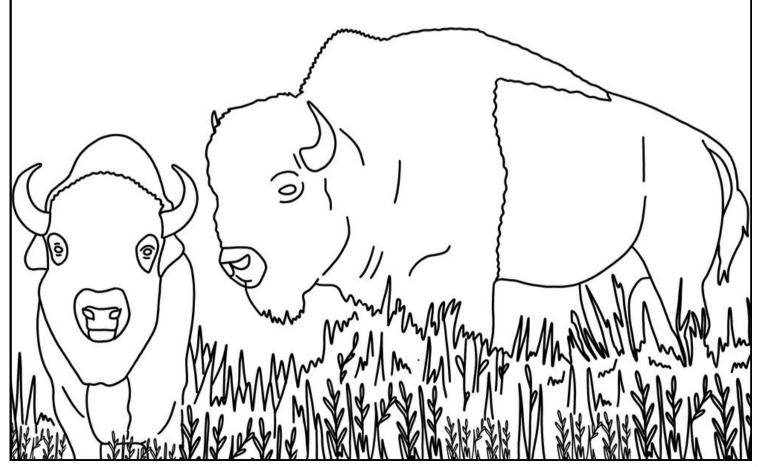


WOOD BISON

RANGE – British Columbia, Alberta, Yukon and Northwest Territories – Coast Salish, Haida, Nlaka'pamux, Blackfoot Confederacy, Cree, Dene, Métis, Gwich'in, Inuvialuit, Kaska and many other Indigenous Territories

SPECIES STATUS - Threatened

The Wood Bison (Bison bison athabascae) is considered a species at risk primarily due to habitat loss, hunting pressures, and disease concerns. Alteration of their natural habitat through industrial development, agriculture, and other human activities has reduced viable habitat. The potential spread of diseases, particularly bovine tuberculosis and brucellosis, further threaten the population.

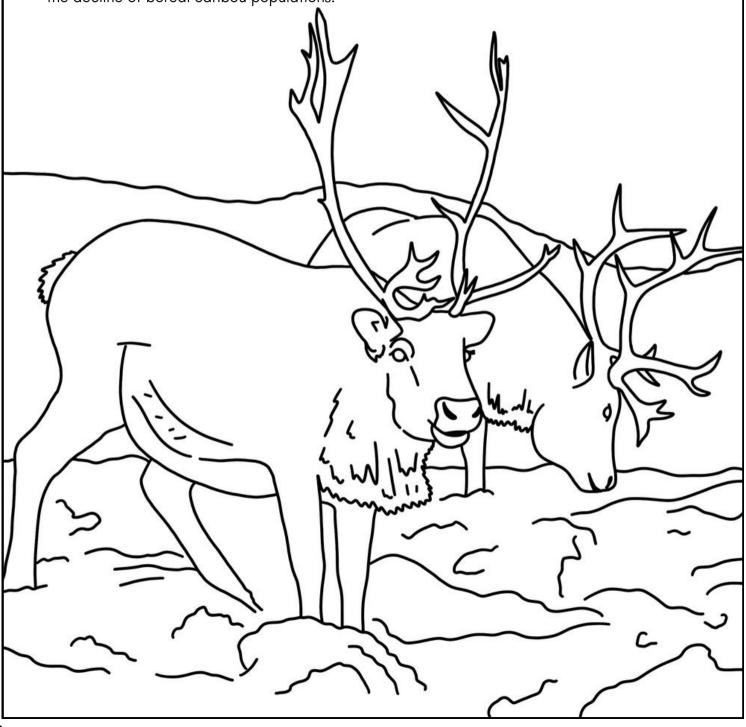


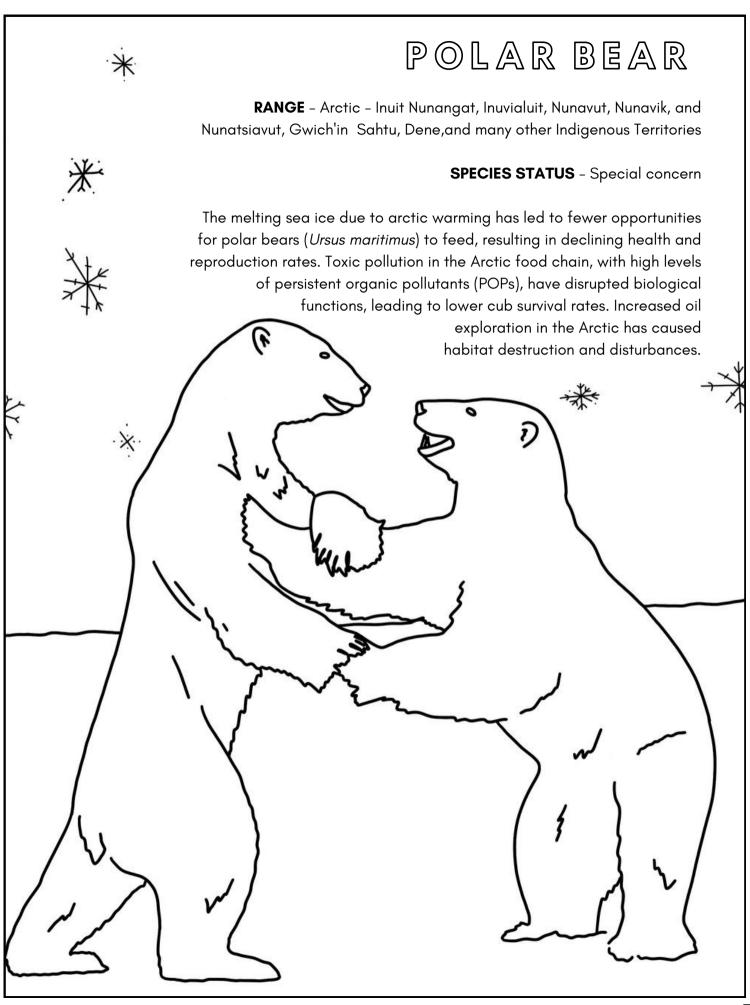
BOREAL CARIBOU

RANGE - Across Turtle Island

SPECIES STATUS - Threatened

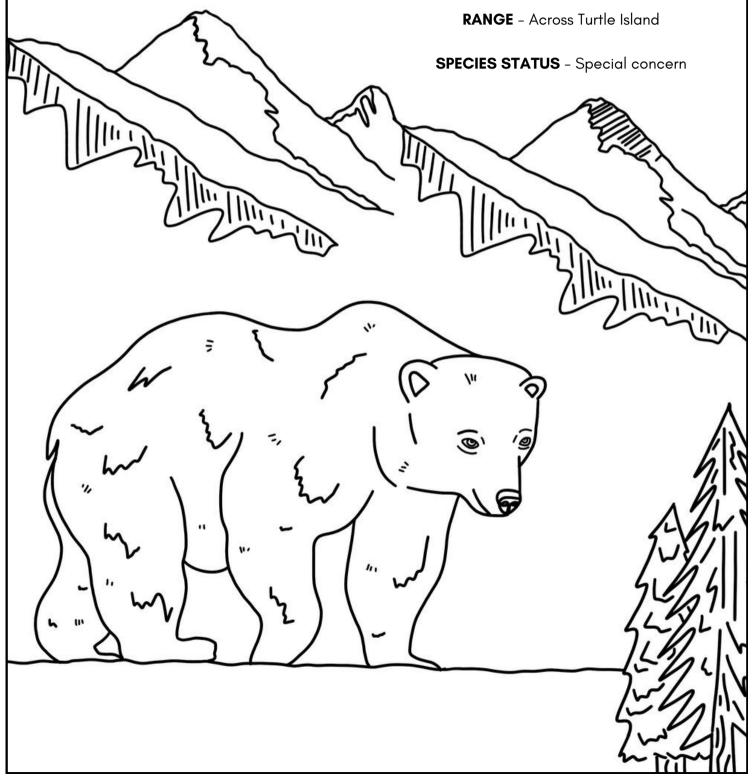
Boreal caribou (*Rangifer tarandus*) are threatened by human activities, including industrial development, forestry, and infrastructure development. These disturbances alter or fragment their critical habitat, making it challenging for caribou to find suitable areas for calving and feeding. Increased predation, climate change effects, and illegal hunting further contribute to the decline of boreal caribou populations.





GRIZZLY BEAR

Grizzly bears (*Ursus arctos*) are threatened by habitat fragmentation and loss caused by human activities. Accidental collisions with highway vehicles or trains are main reasons for bear mortality. Grizzly bears, while searching for food, may be drawn to human settlements and agricultural areas, significantly heightening the risk of conflicts between bears and humans. Bears involved in conflicts face an elevated threat of being killed or captured and relocated.

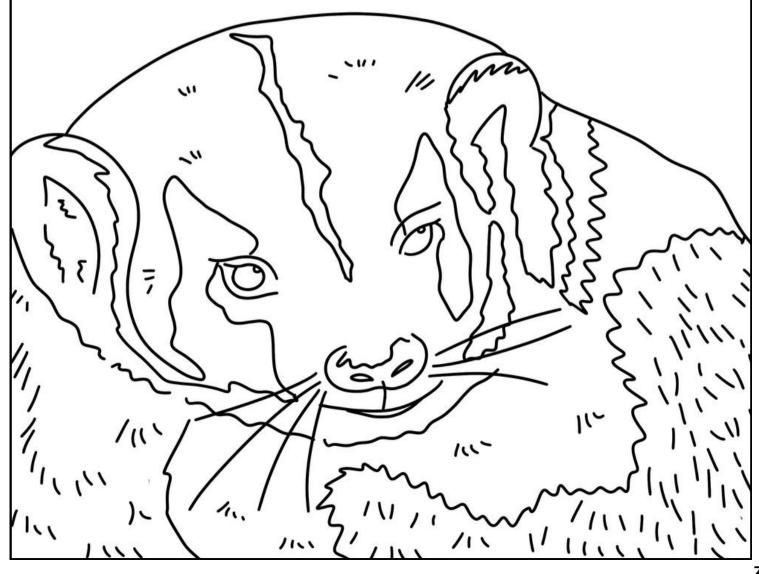


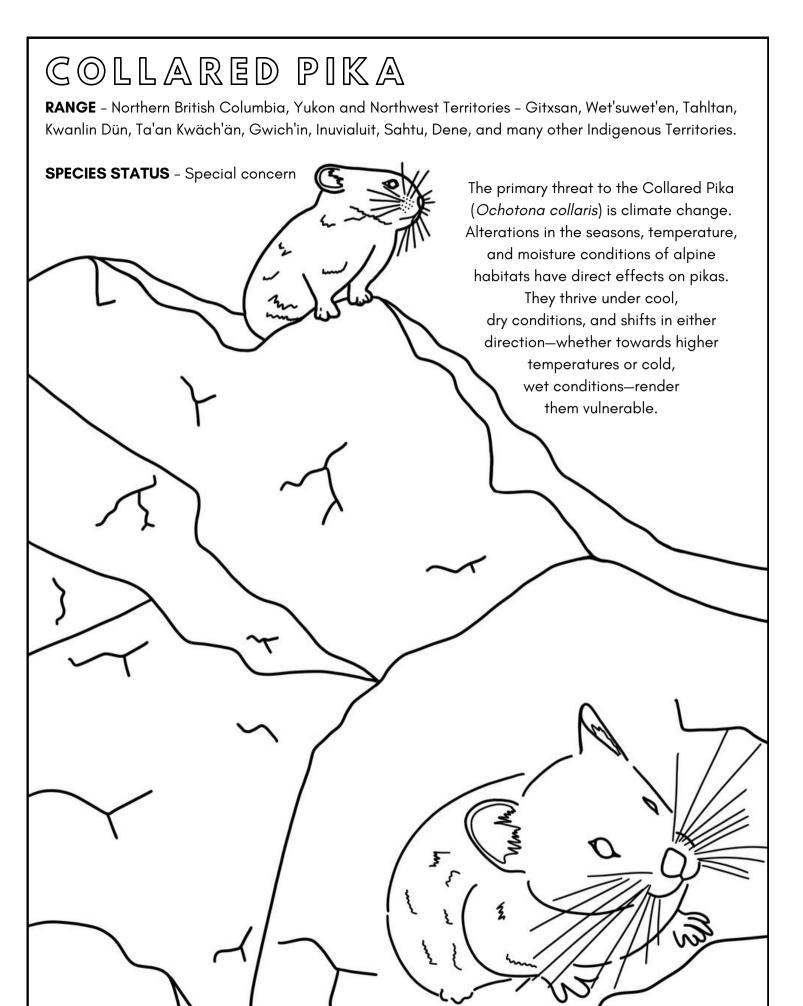
AMERICAN BADGER

RANGE – Southern Ontario – Anishinaabe, Haudenosaunee, Attawandaron, and many other Indigenous Territories

SPECIES STATUS - Endangered

American Badgers (*Taxidea taxus jacksoni*) throughout their range suffer from vehicle-animal interaction resulting in them becoming road-kill. Habitat loss and degradation result from housing development, forest in-growth and encroachment, orchards and vineyards, and cultivation (row-crop) agriculture. The use of rodenticides in crops has resulted in deaths of badgers.



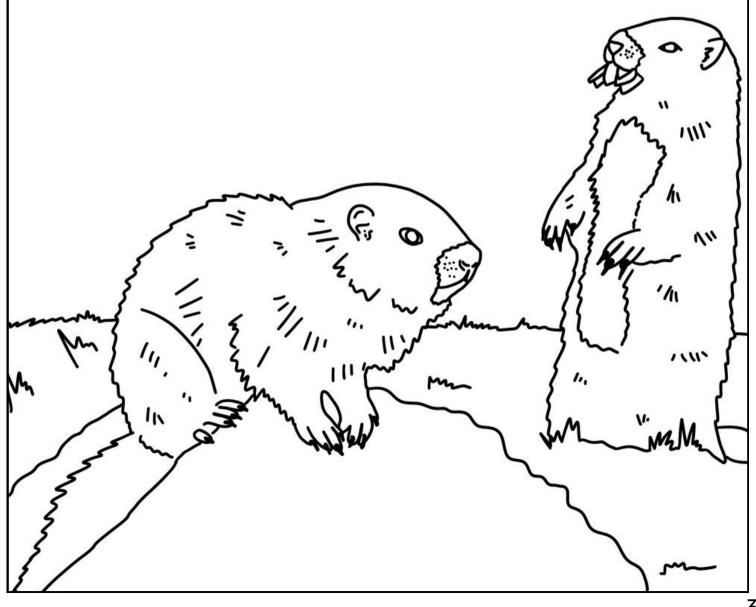


VANCOUVER ISLAND MARMOT

RANGE – Vancouver Island – Coast Salish, Nuu-chah-nulth, Kwakwaka'wakw and many other Indigenous Territories.

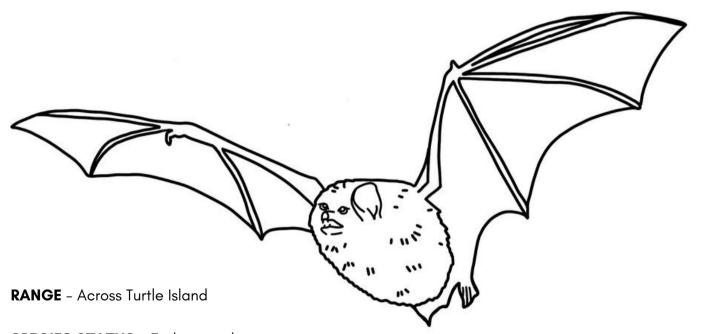
SPECIES STATUS - Endangered

Vancouver Island Marmot (*Marmota vancouverensis*) is threatened by climate change, which affects them in multiple ways. To hibernate, these marmots need specific conditions. If they're starting hibernation late or ending it early, they can be left vulnerable to predators.



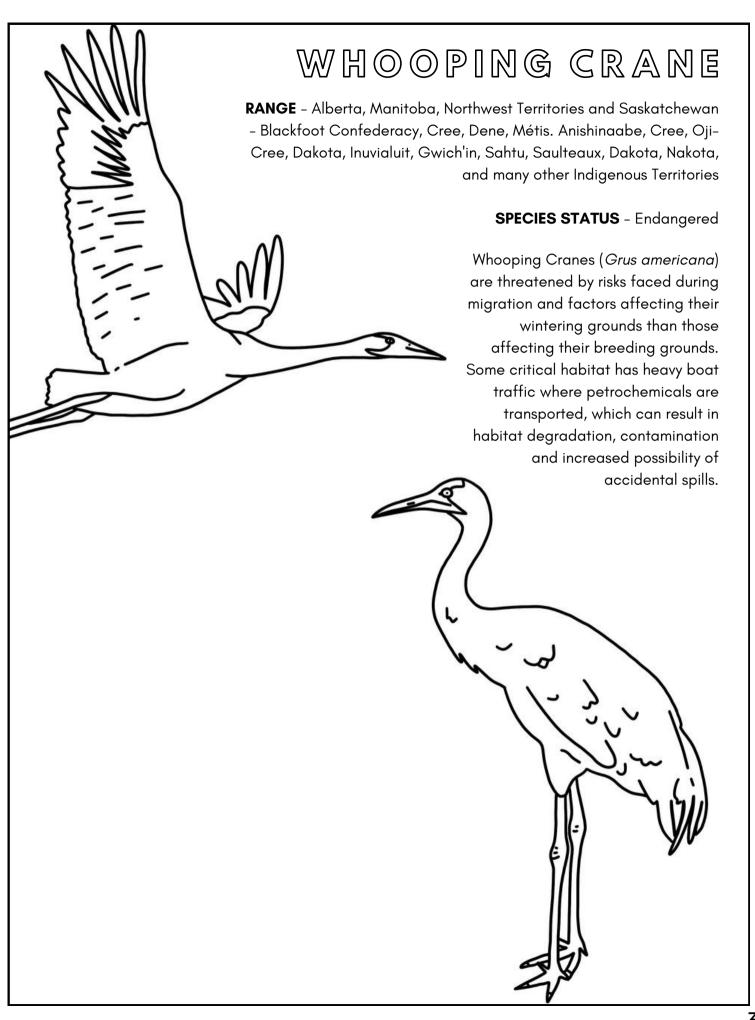


SILVER HAIRED BAT



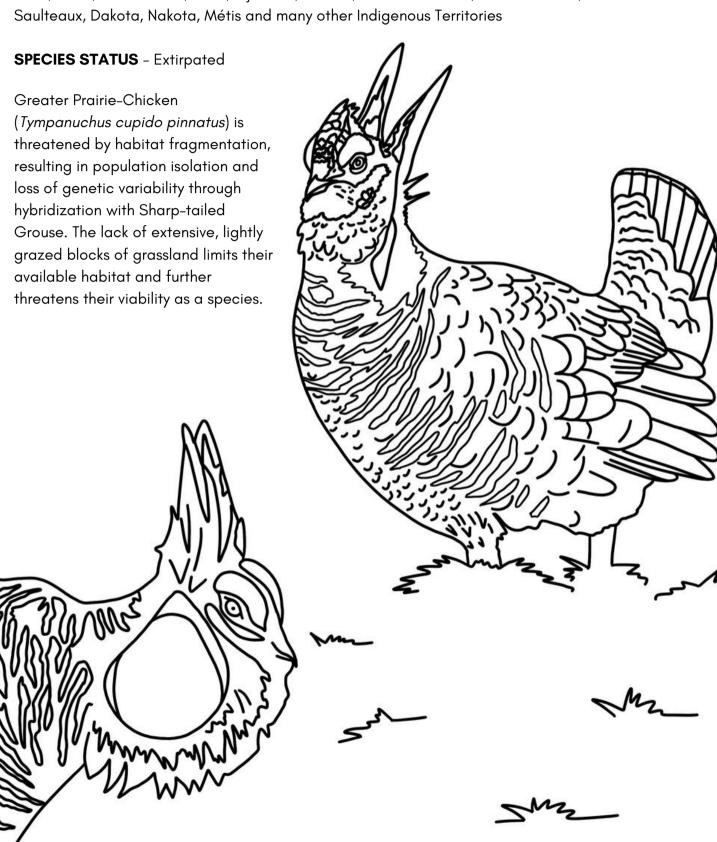
SPECIES STATUS - Endangered

The Silver-haired Bat (*Lasionycteris noctivagans*) population in Canada has declined dramatically in recent years. During their migration, Silver-haired Bats are exposed to many threats including collisions with wind turbines. Widespread declines in insect abundance, loss of forested habitat and pollution have also impacted them greatly.



GREATER PRARIE CHICKEN

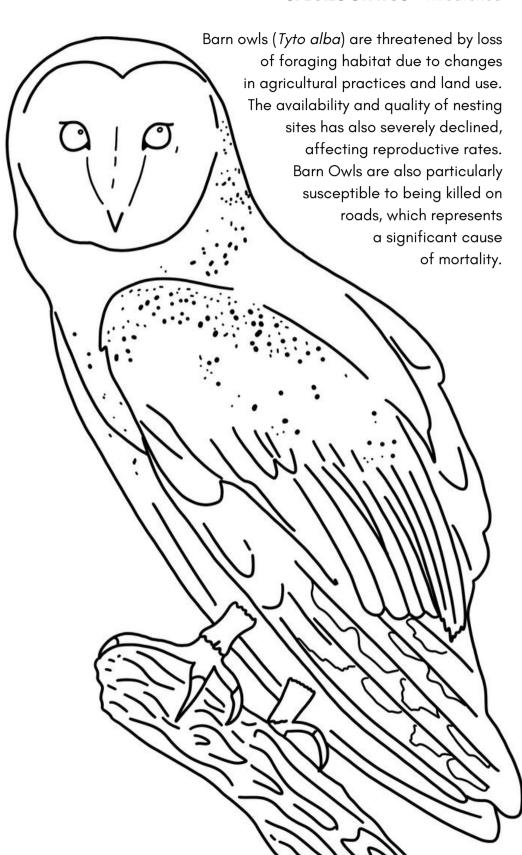
RANGE - Alberta, Manitoba, Ontario and Saskatchewan - Blackfoot Confederacy, Cree, Dene, Anishinaabe, Cree, Oji-Cree, Dakota, Haudenosaunee, Huron-Wendat, Saulteaux, Dakota, Nakota, Métis and many other Indigenous Territories

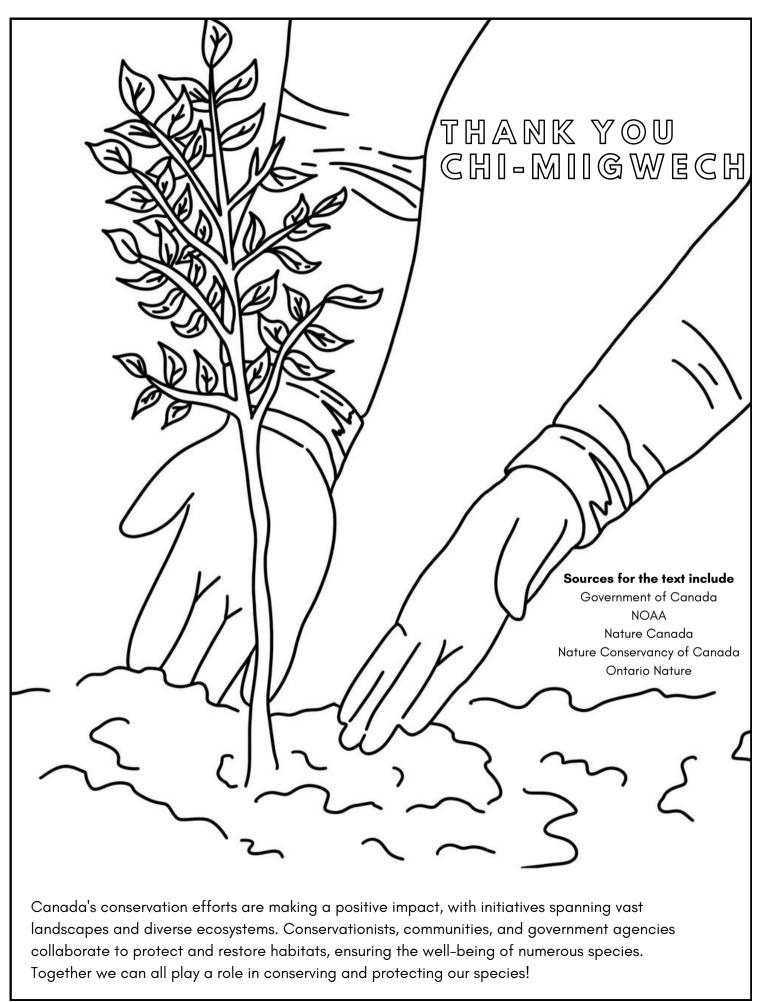




RANGE - Across Turtle Island

SPECIES STATUS - Threatened





ABOUT THE AUTHOR

Rae Landriau is a graduate student with a passion for the environment and activism. They enjoy spending their free time in nature, finding inspiration in the environment and biota. The quiet cracking of trees in the forest, the trickling of water in a creek, and the rustle of leaves in the wind bring them a sense of peace. Driven by a desire to make a difference in the world, Rae engages in community service projects and educational outreach through ecreatechangecollective.



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