



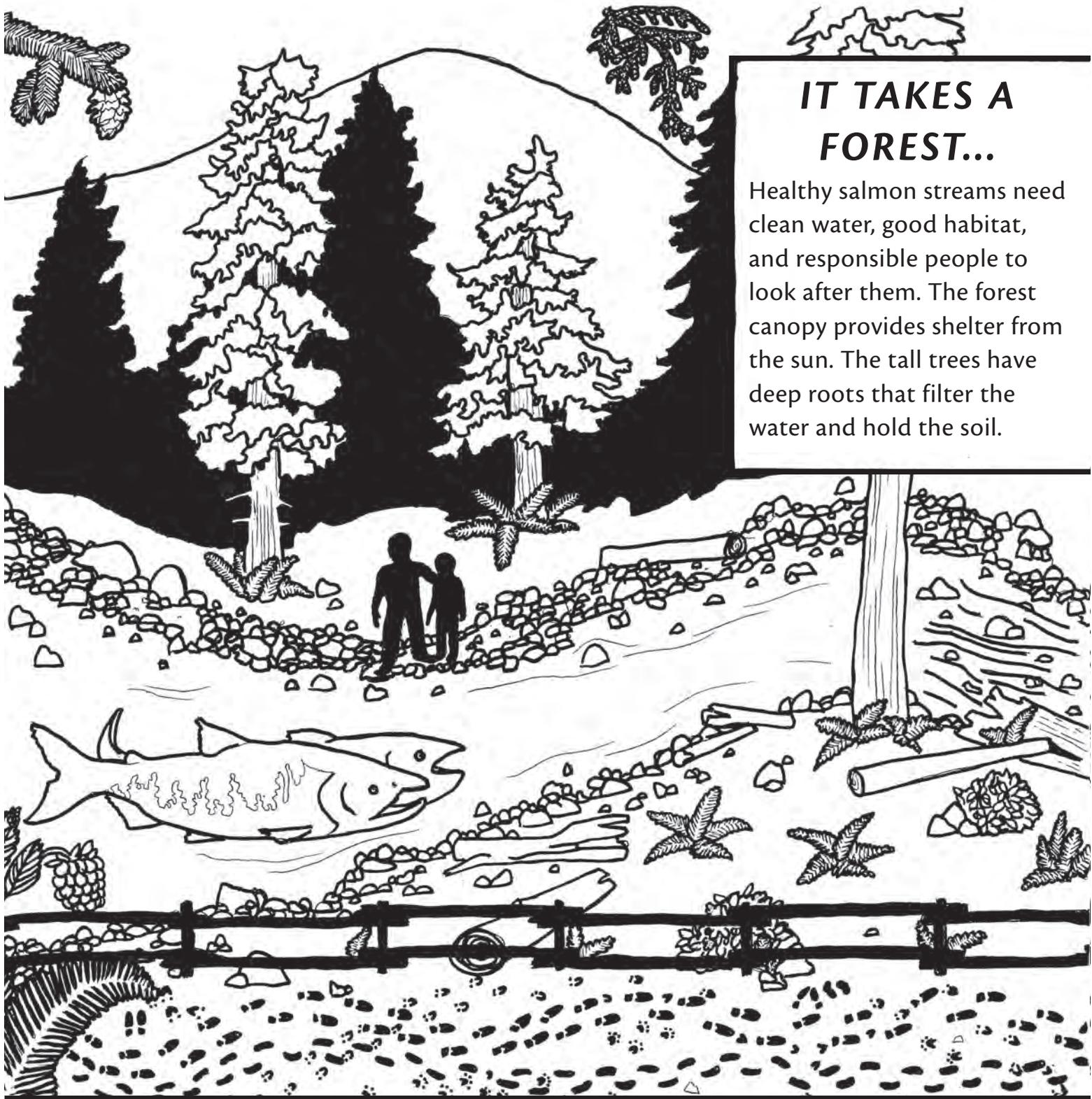
HAT

Goldstream

Colouring Book

Illustrations by Terri-Lynn Papagiannis





IT TAKES A FOREST...

Healthy salmon streams need clean water, good habitat, and responsible people to look after them. The forest canopy provides shelter from the sun. The tall trees have deep roots that filter the water and hold the soil.



The chum salmon spawn closer to the ocean than other salmon in Goldstream.

Goldstream salmon runs are fished by several First Nations families for food.



Being respectful of the river includes staying on the path.

...TO RAISE A SALMON

Rain & water connect our homes to salmon streams. You can help salmon by:

1. Being quiet & respectful
2. Keep pets out of the river
3. Do not use artificial fertilizers or chemical pesticides on lawns or gardens



Logs near the stream? Fallen logs provide shelter and hiding places.

Rapid, rough water? Splashing adds oxygen to water for salmon to breathe.



How do cars, pets, and homes impact the Goldstream River?

THE SALMON AND FOREST...

Dead salmon are an important part of the Coastal Forest food chain. Flies and other insects lay eggs in salmon carcasses, in turn the insects are food for bats, birds, and especially the small salmon fry.



The western screech owl relies on old forest habitat.

Black bears carry salmon into the forest and the leftovers become food for the trees.

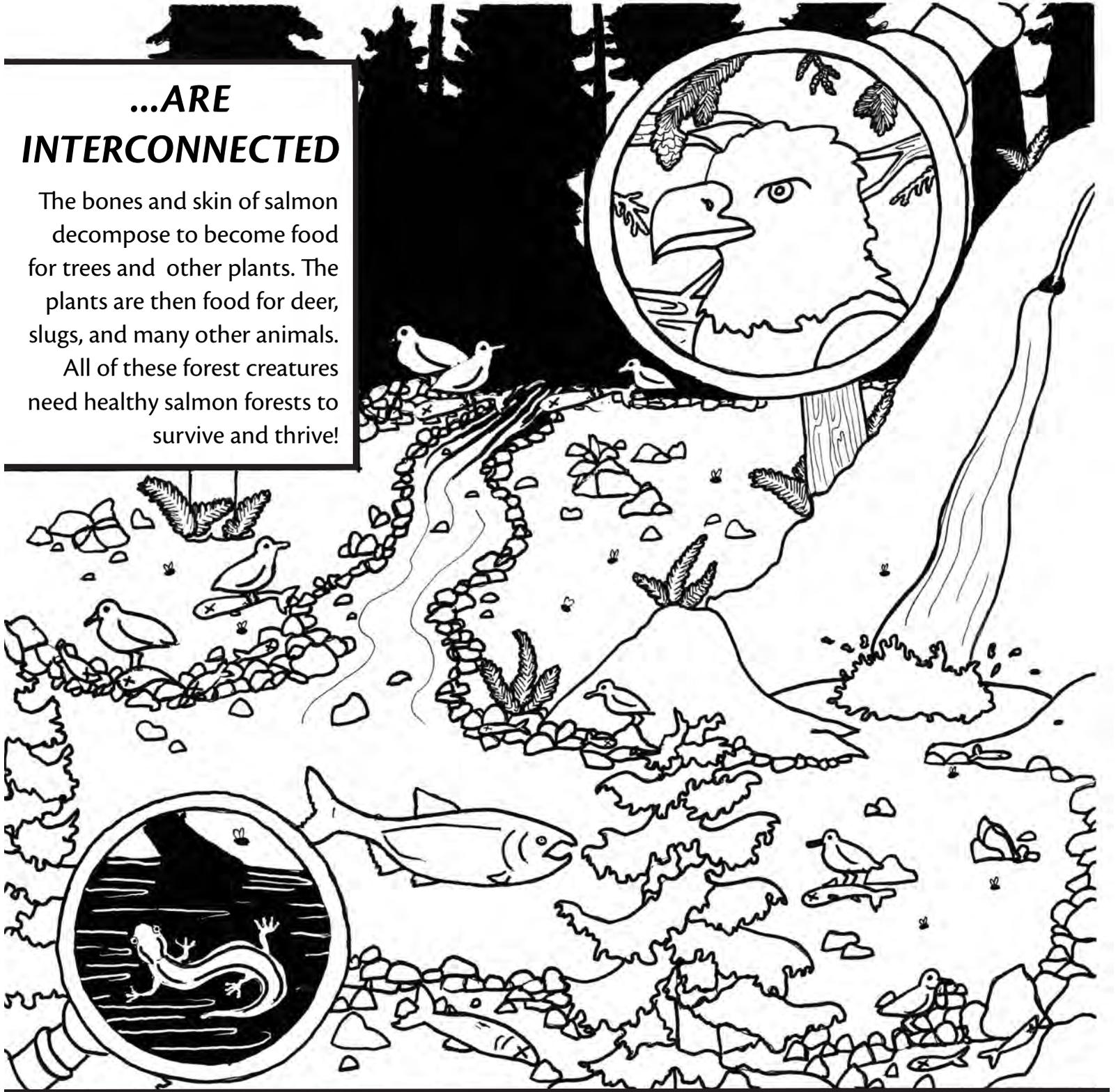


Bats rely on dead trees to roost and insects to feed.

...ARE INTERCONNECTED

The bones and skin of salmon decompose to become food for trees and other plants. The plants are then food for deer, slugs, and many other animals.

All of these forest creatures need healthy salmon forests to survive and thrive!



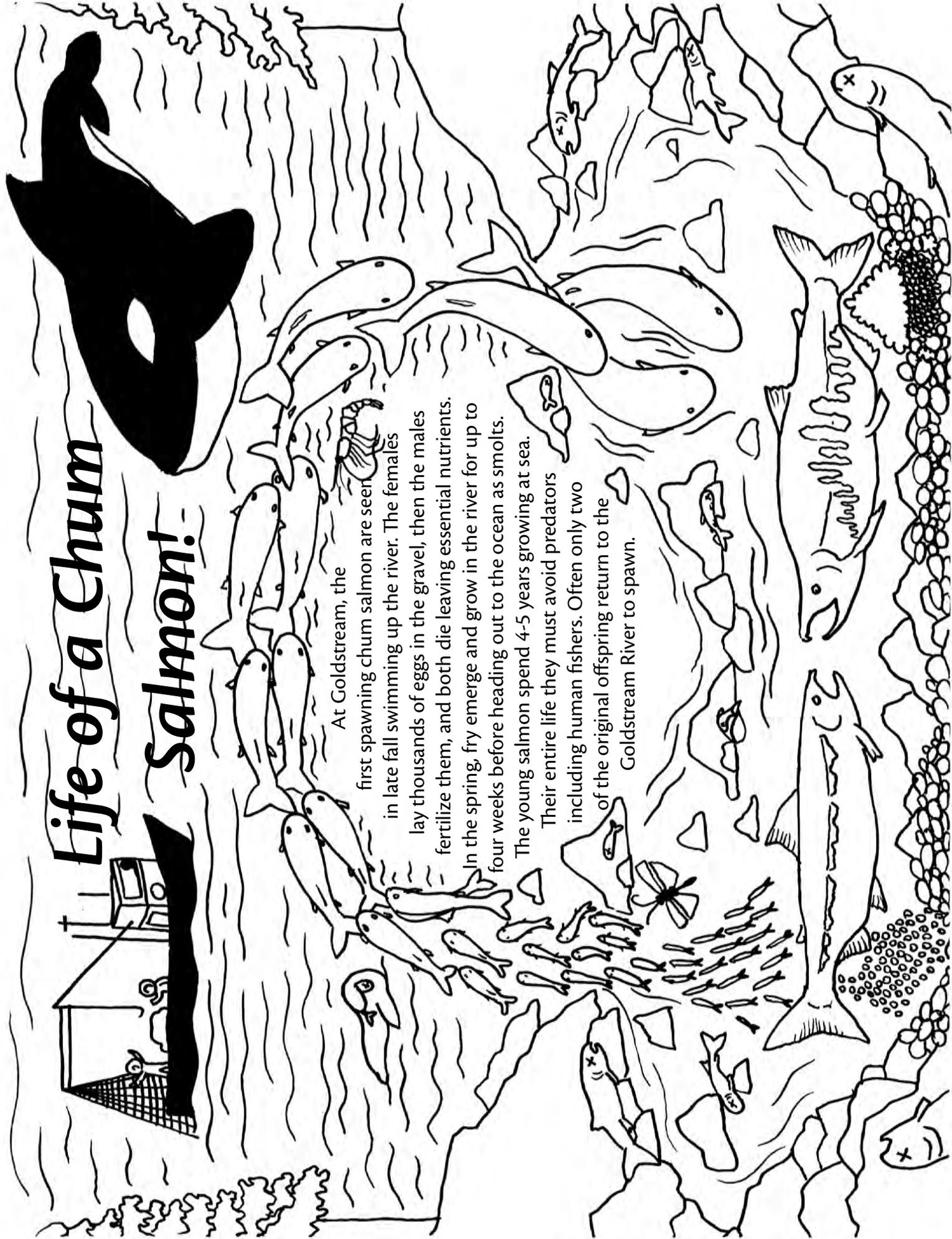
Blue-grey taildropper slugs live in the fallen leaves.

Salamanders find homes in fallen logs on the forest floor.



Gulls and dippers rely on spawning salmon as a winter food source.

Life of a Chum Salmon!



At Goldstream, the first spawning chum salmon are seen in late fall swimming up the river. The females lay thousands of eggs in the gravel, then the males fertilize them, and both die leaving essential nutrients. In the spring, fry emerge and grow in the river for up to four weeks before heading out to the ocean as smolts. The young salmon spend 4-5 years growing at sea. Their entire life they must avoid predators including human fishers. Often only two of the original offspring return to the Goldstream River to spawn.

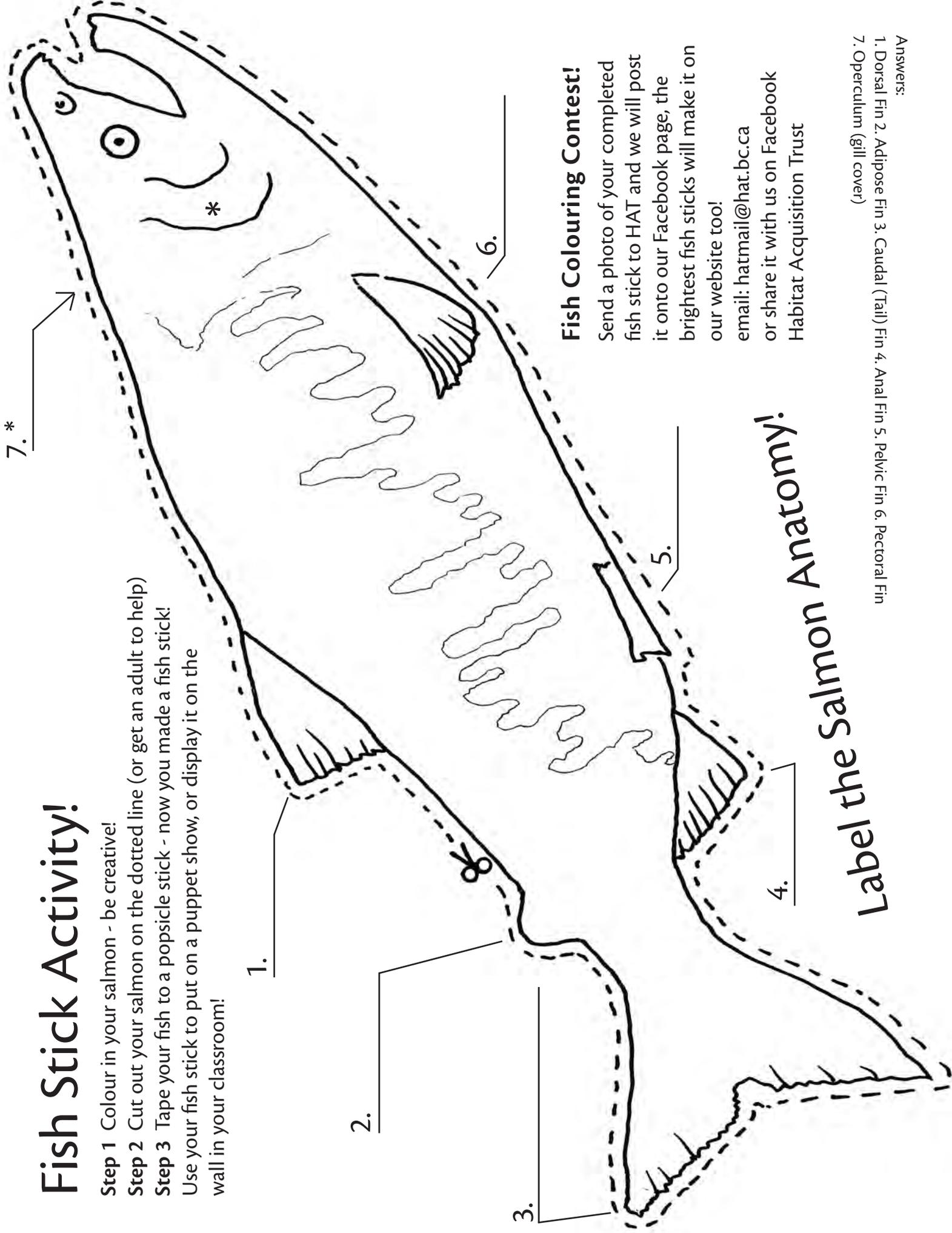
Fish Stick Activity!

Step 1 Colour in your salmon - be creative!

Step 2 Cut out your salmon on the dotted line (or get an adult to help)

Step 3 Tape your fish to a popsicle stick - now you made a fish stick!

Use your fish stick to put on a puppet show, or display it on the wall in your classroom!



Fish Colouring Contest!

Send a photo of your completed fish stick to HAT and we will post it onto our Facebook page, the brightest fish sticks will make it on our website too!

email: hatmail@hat.bc.ca

or share it with us on Facebook
Habitat Acquisition Trust

Label the Salmon Anatomy!

Answers:

1. Dorsal Fin 2. Adipose Fin 3. Caudal (Tail) Fin 4. Anal Fin 5. Pelvic Fin 6. Pectoral Fin

7. Operculum (gill cover)

Habitat Acquisition Trust

HAT is Victoria's local land trust, we help people understand and care for natural environments. Every child should experience the annual **Salmon Run at Goldstream Provincial Park**. Each year our local community joins the effort to keep the Goldstream Salmon Run programs available to all children, allowing them to witness this incredible spectacle at low to no cost. If you would like to become a HAT member to support our programs call 250-995-2428 or email hatmail@hat.bc.ca. More information at www.hat.bc.ca



Goldstream Nature House

Since 2002, HAT and RLC Park Services Naturalists at the Goldstream Nature House have worked together in a fundraising effort to keep programs affordable for all students, regardless of economic status. Through the **Goldstream Chums Corporate Sponsorship Program** local businesses and individuals support schools attending Goldstream Salmon Run programs. Contact Goldstream Nature House at 250-478-9414 or email goldstream@naturehouse.ca. For more information on seasonal programs and availability, visit www.naturehouse.ca.

This publication made possible in part by:



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- Land Protection
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Stained Glass created by Ingrid Armstrong