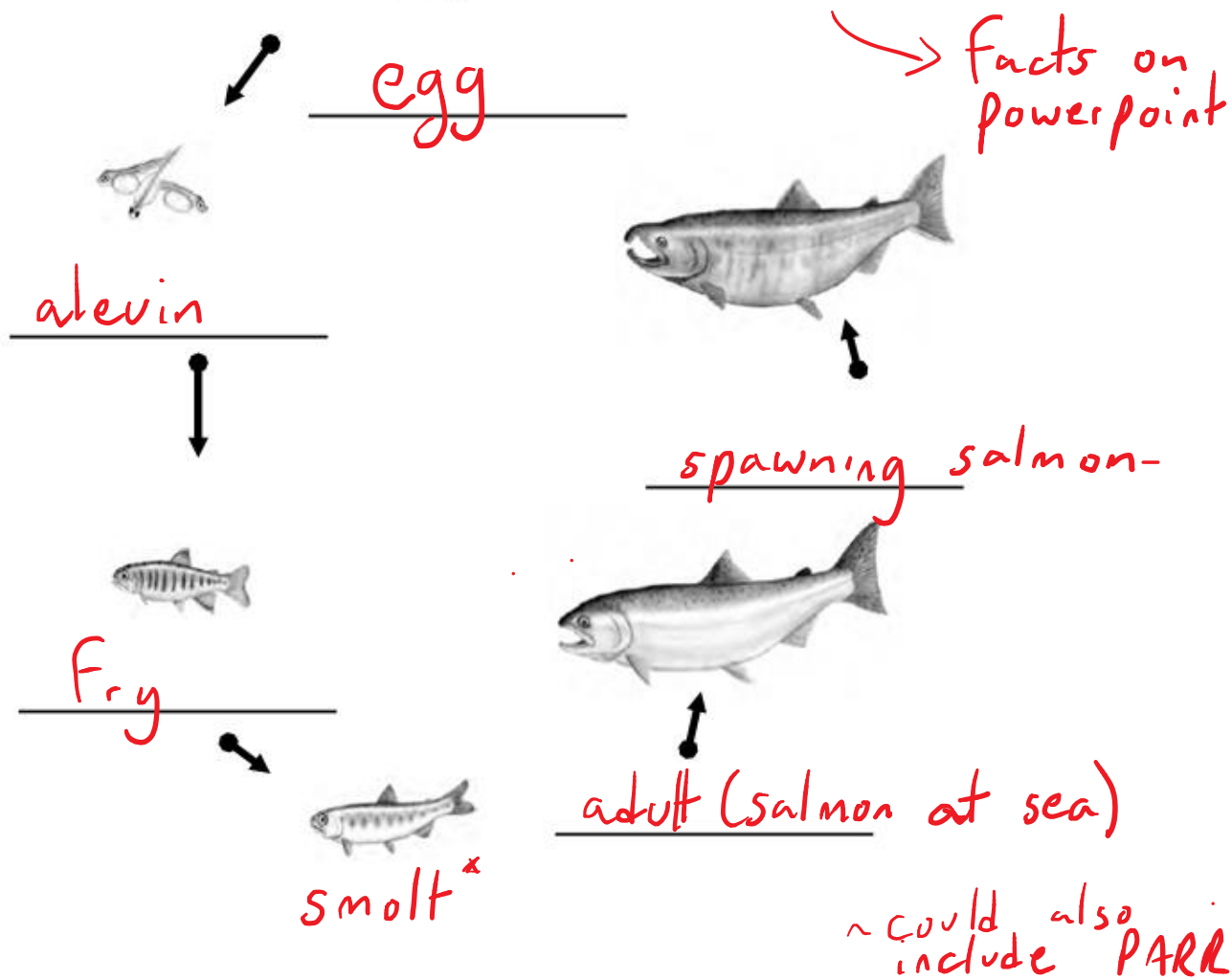


Salmon Lesson #1: Types of Salmon Species and Life Cycle of Salmon

Name the six species of Pacific Salmon: _

- Chinook
- Coho
- Sockeye
- Chum
- Pink
- Steelhead*

List the stages of the salmon life cycle in order and include one fact about each stage of the cycle:



At what stage of their life do salmon go from fresh water (river) to ocean (saltwater)?

Smolt

How long do salmon live out in the ocean before returning to the river to spawn?

1-5 years → (some chinook can live up to 8-9 years) → rare

It says on the Powerpoint that only 1 in 1000 salmon survive to return to the river to spawn. List at least five threats salmon face on their journey that causes such a low survival rate.

Ex.

Pollution,

Commercial fishing,

alien species such as Atlantic salmon escaping from salmon farms taking resources,

sea lice,

predators (bears, killer whales, seals etc.)

extreme weather harming habitats like floods wiping out spawning grounds,

landslides blocking rivers,

habitat disruption from logging, agriculture etc.

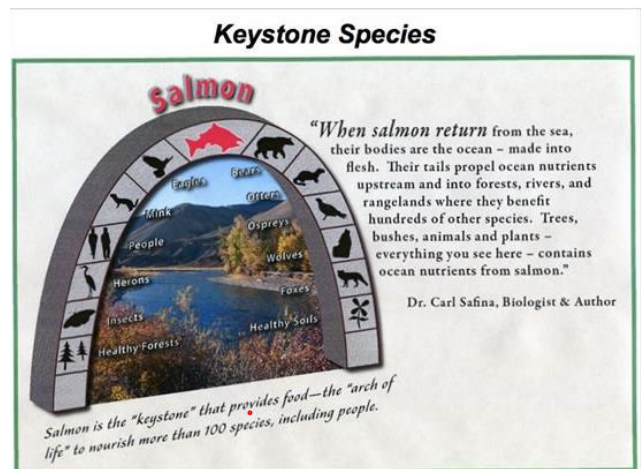
not enough nutrients as young salmon etc.

- Unfertilized eggs
- Gravel movement
- Low oxygen in water
- Drastic changes in water temperature
- Pollution and/or sedimentation
- Disease
- Predators
- Poor habitat conditions

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- Lack of adequate food or space
 - Predators (rainbow trout, doll varden, char, grayling trout, sculpin, steelhead trout, ducks, merganser, tern, kingfisher)
 - River blockage or diversion along migration route
 - Pollution

Explain why salmon are considered a keystone species.

- Key link in food chain
- provide nutrients for plants when decomposing



In the table below, list the salmon species from biggest to smallest. Also include the nickname given to each species.

	Species of Salmon	Nickname of Salmon
Biggest	Chinook	King
	Steelhead	Steelhead
	Chum	Dog Salmon
	Coho	Silver
	Sockeye	Red Salmon
Smallest	Pink	Humpy