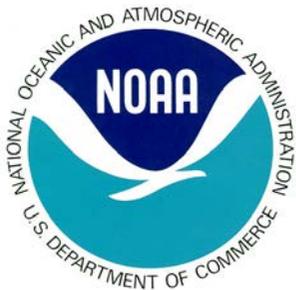
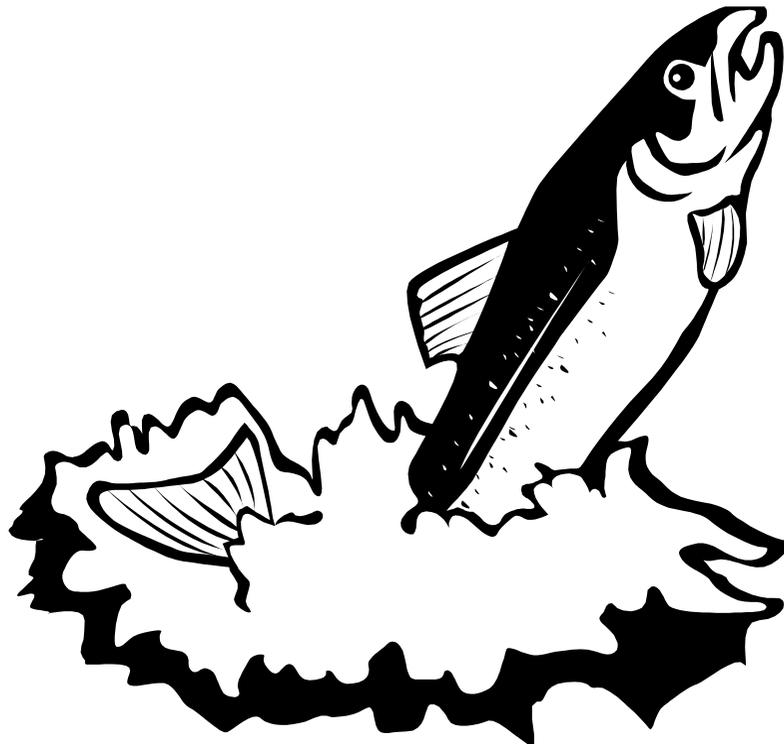


John F. Kocik, Ph.D.

Research Fishery Biologist

NOAA Fisheries

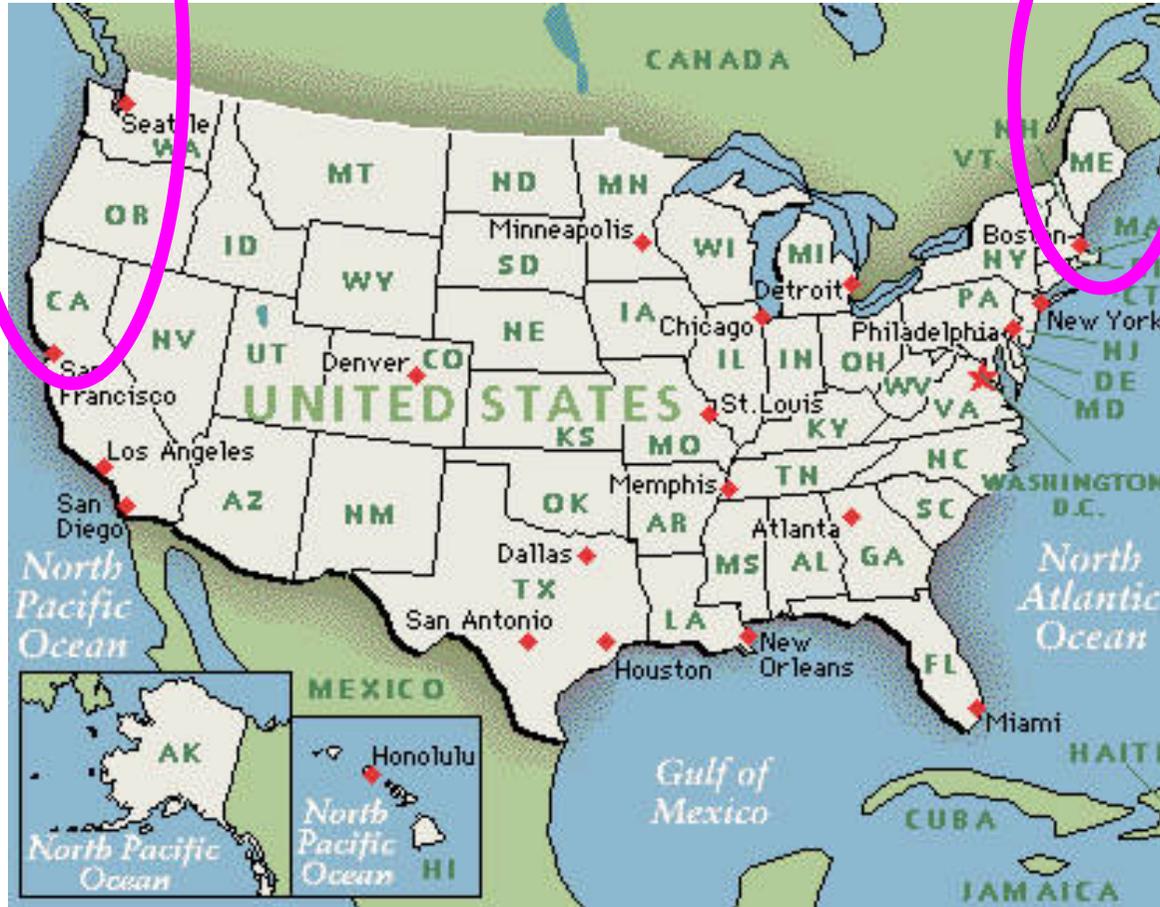
Maine Field Station



Salmon

Pacific Salmon

1. Chinook
2. Coho
3. Sockeye
4. Chum
5. Pink



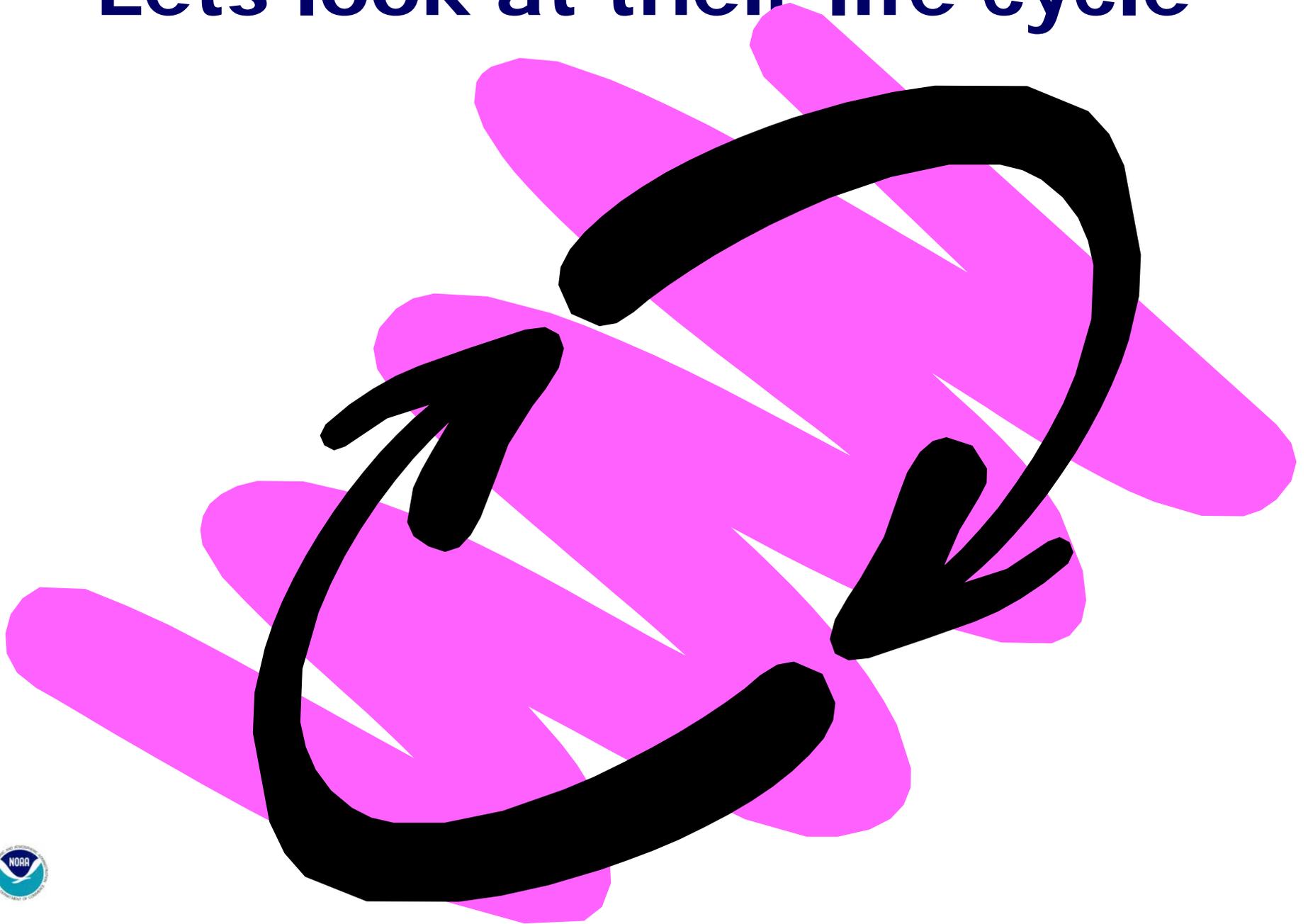
Atlantic Salmon

Salmon are Anadromous

Anadromous – live part of life
in freshwater **river** and part
in **ocean**



Lets look at their life cycle



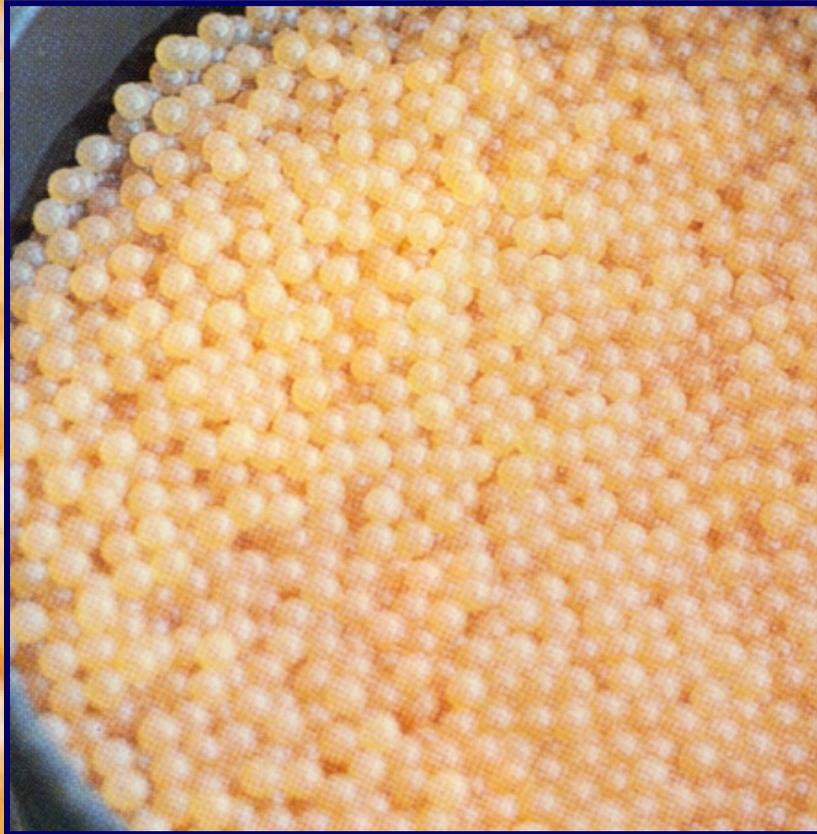
**Redds – a salmon “nest”
where salmon lay eggs in river**



**This is the
Narraguagus
River in Maine**



1. Eggs



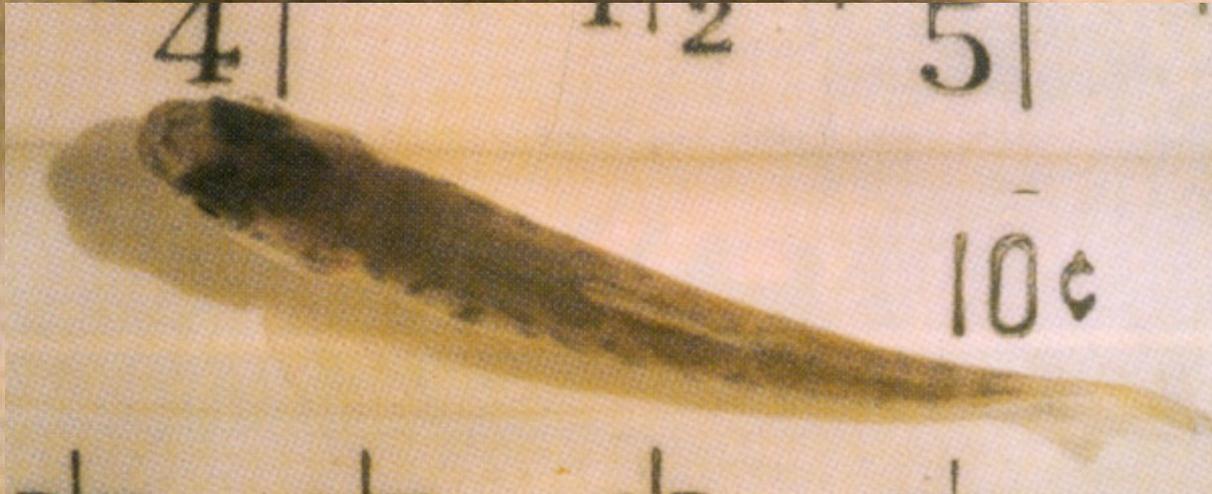
1a. Eyed Eggs



2. Alevin



3. Fry



4. Parr



Parr marks



No. 1206

1

THE LUFKIN
RULE CO.

2

SAGINAW, MICH.
MADE IN U.S.A.

3

4

4. Parr



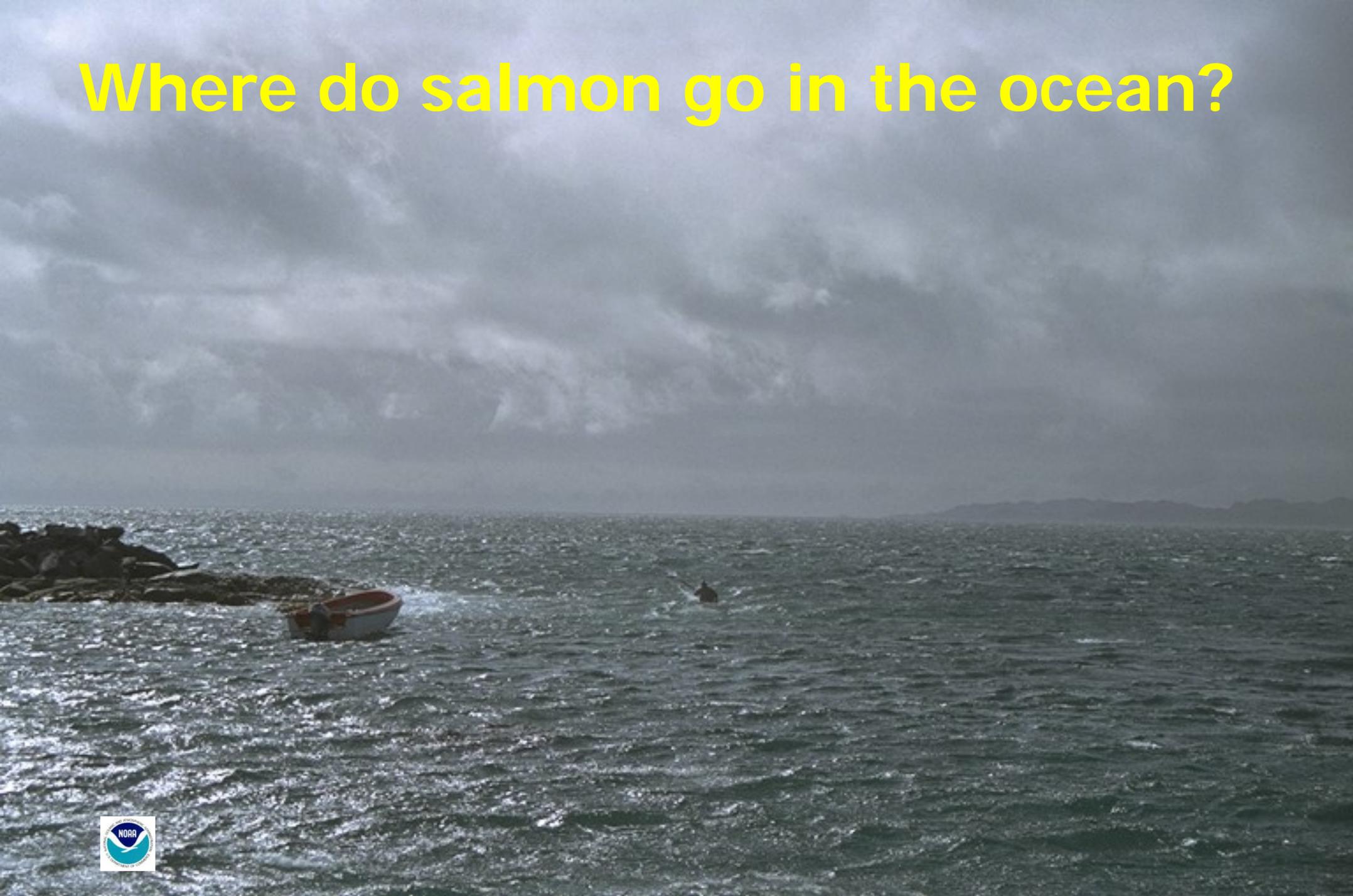
5. Smolts



Time to go to Sea! Off the Maine Coast



Where do salmon go in the ocean?



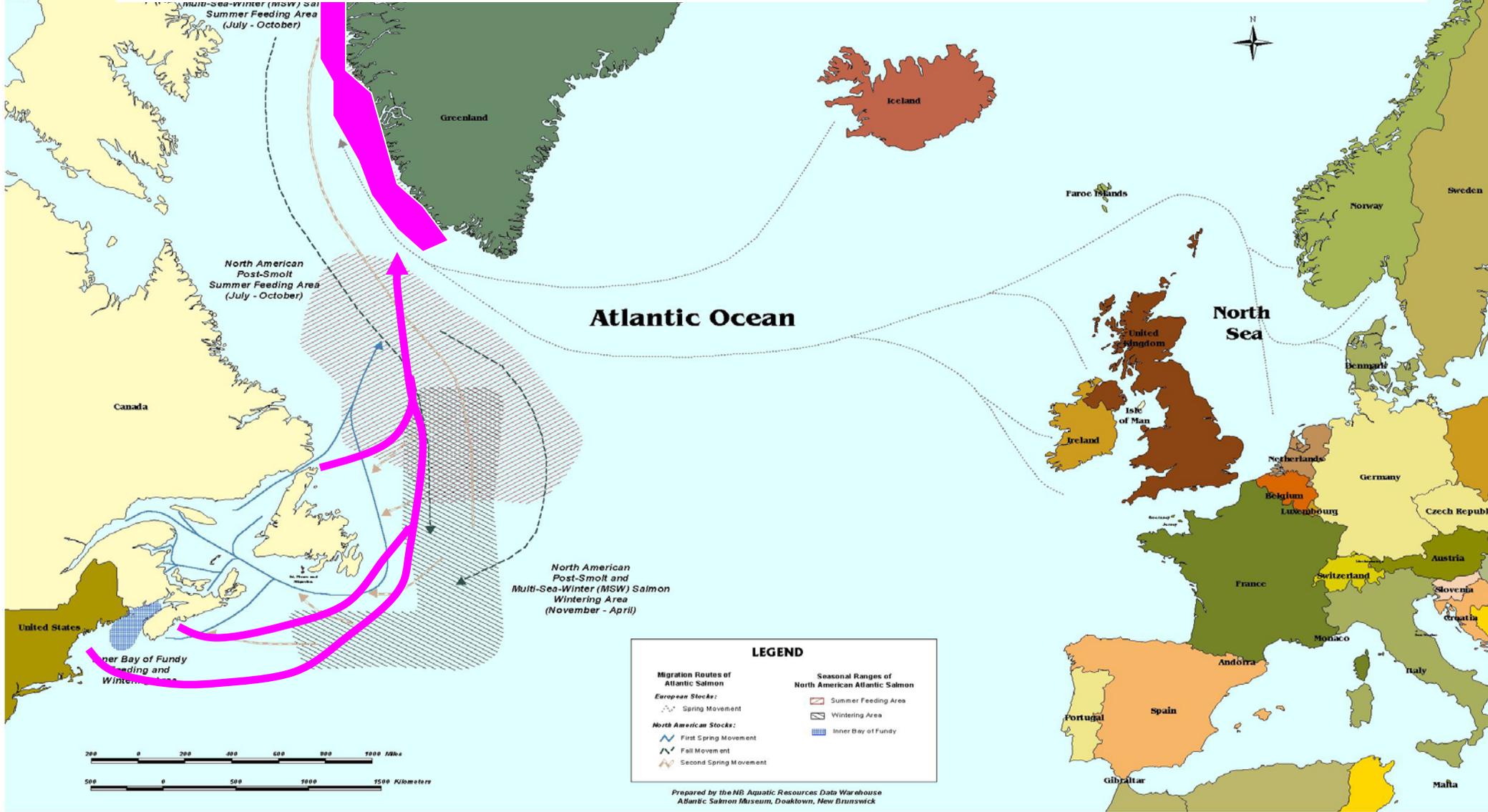
Does this look like Maine?



Is this Maine?



Looking for Food ...

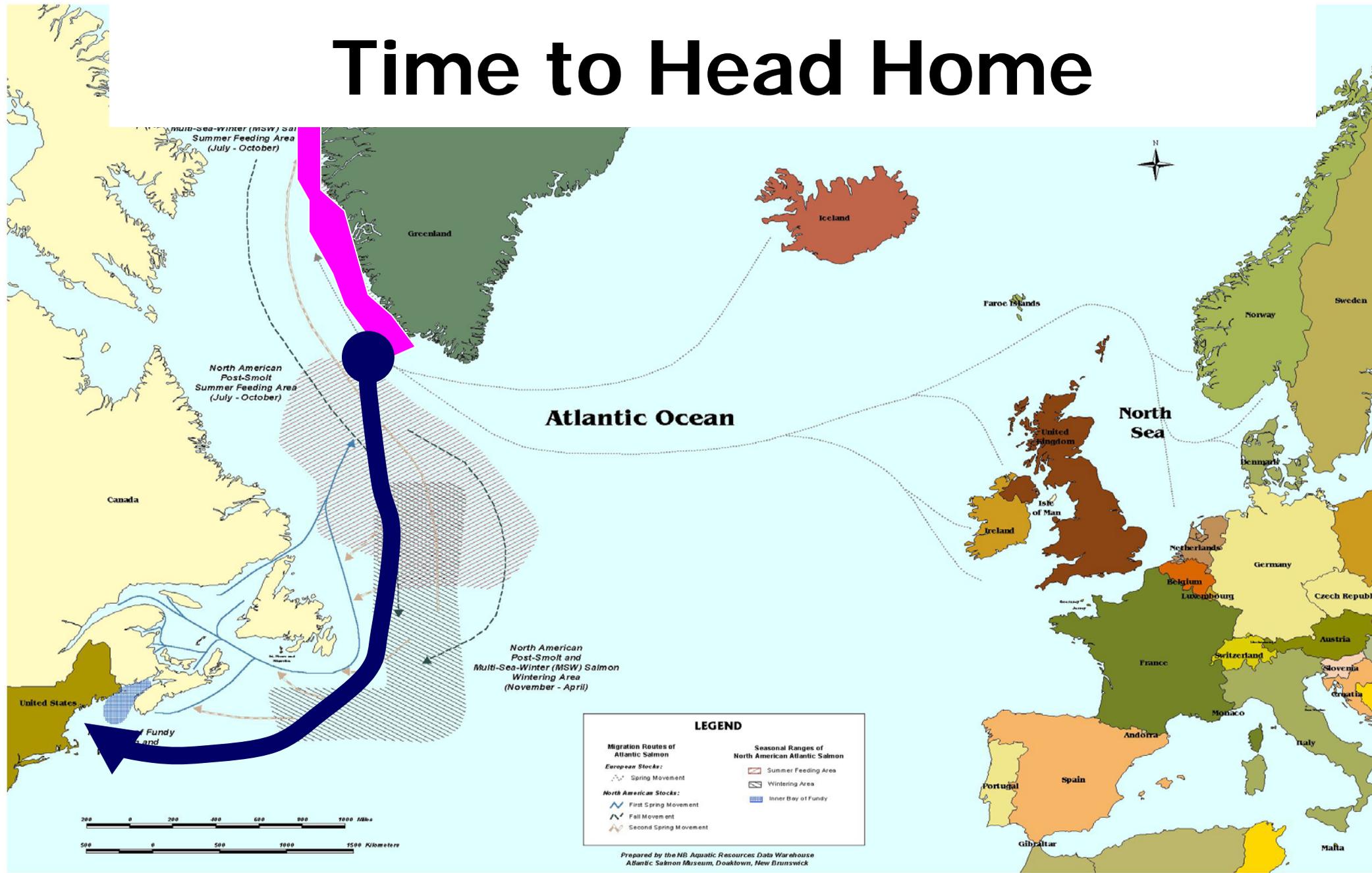


6. Adult Atlantic Salmon



My how they have grown!

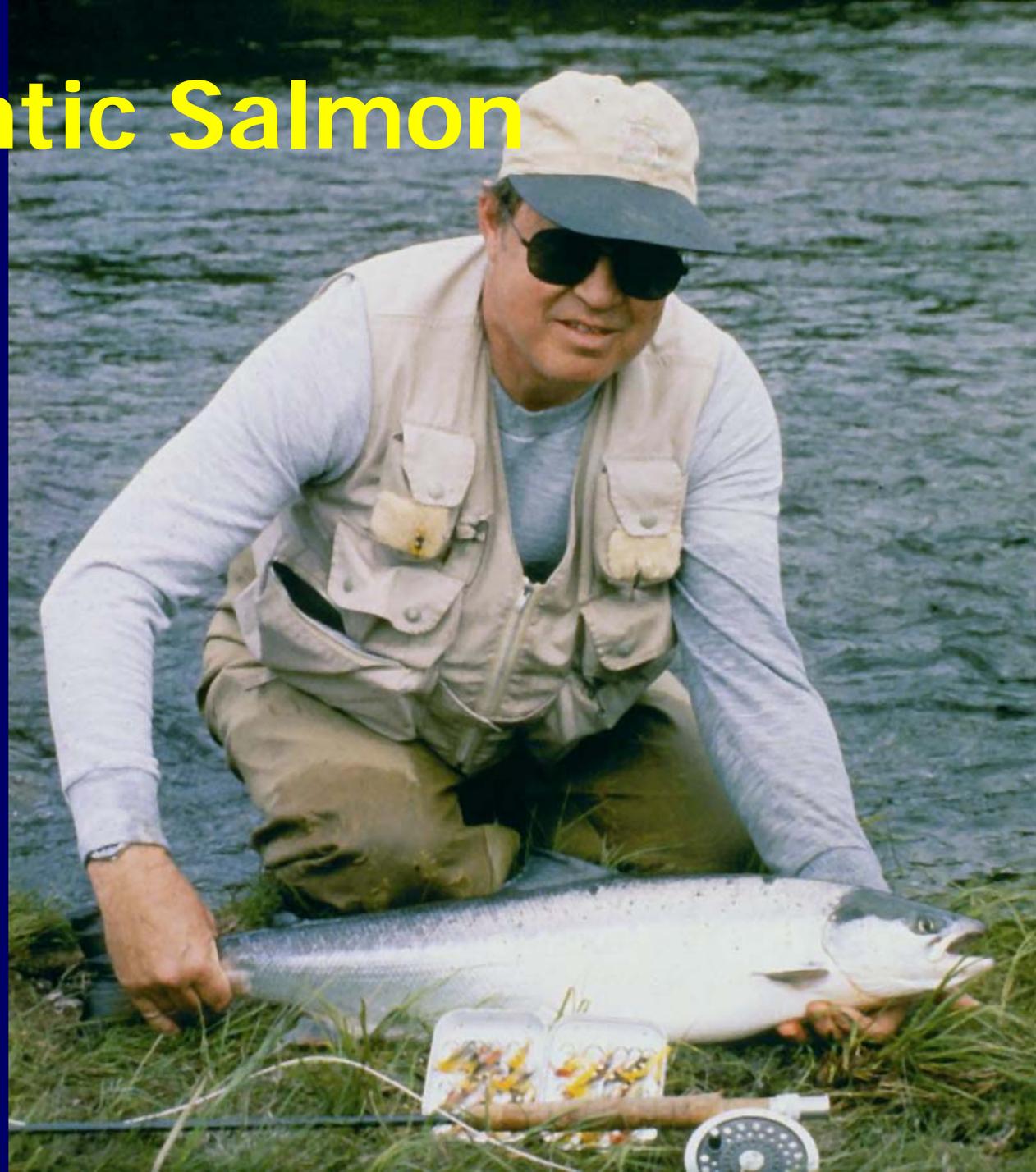
Time to Head Home



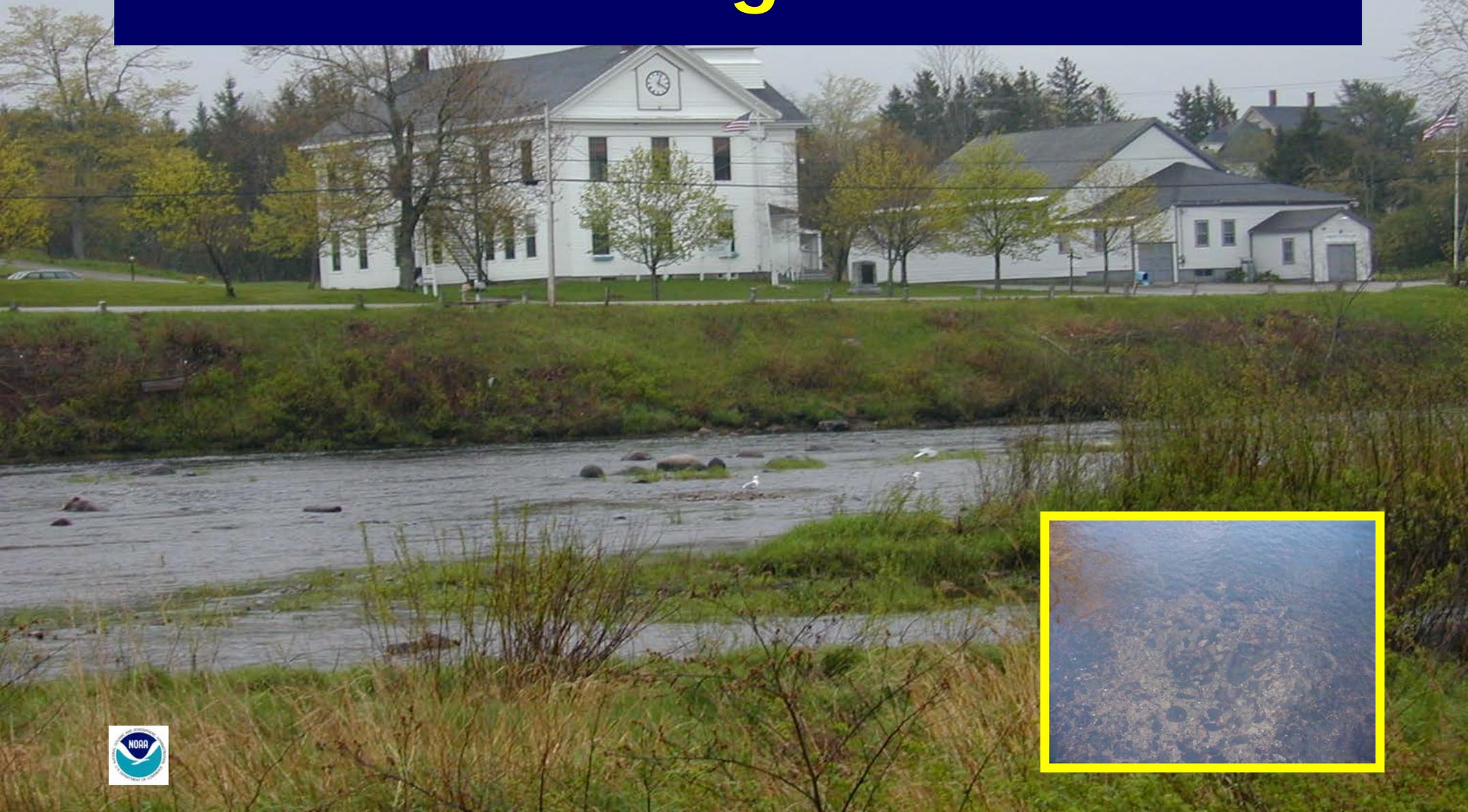
Back to The River after 2 years in the Ocean



6. Adult Atlantic Salmon



Back Home Again to Maine



How do we know what salmon do?

Research



Counting Smolts

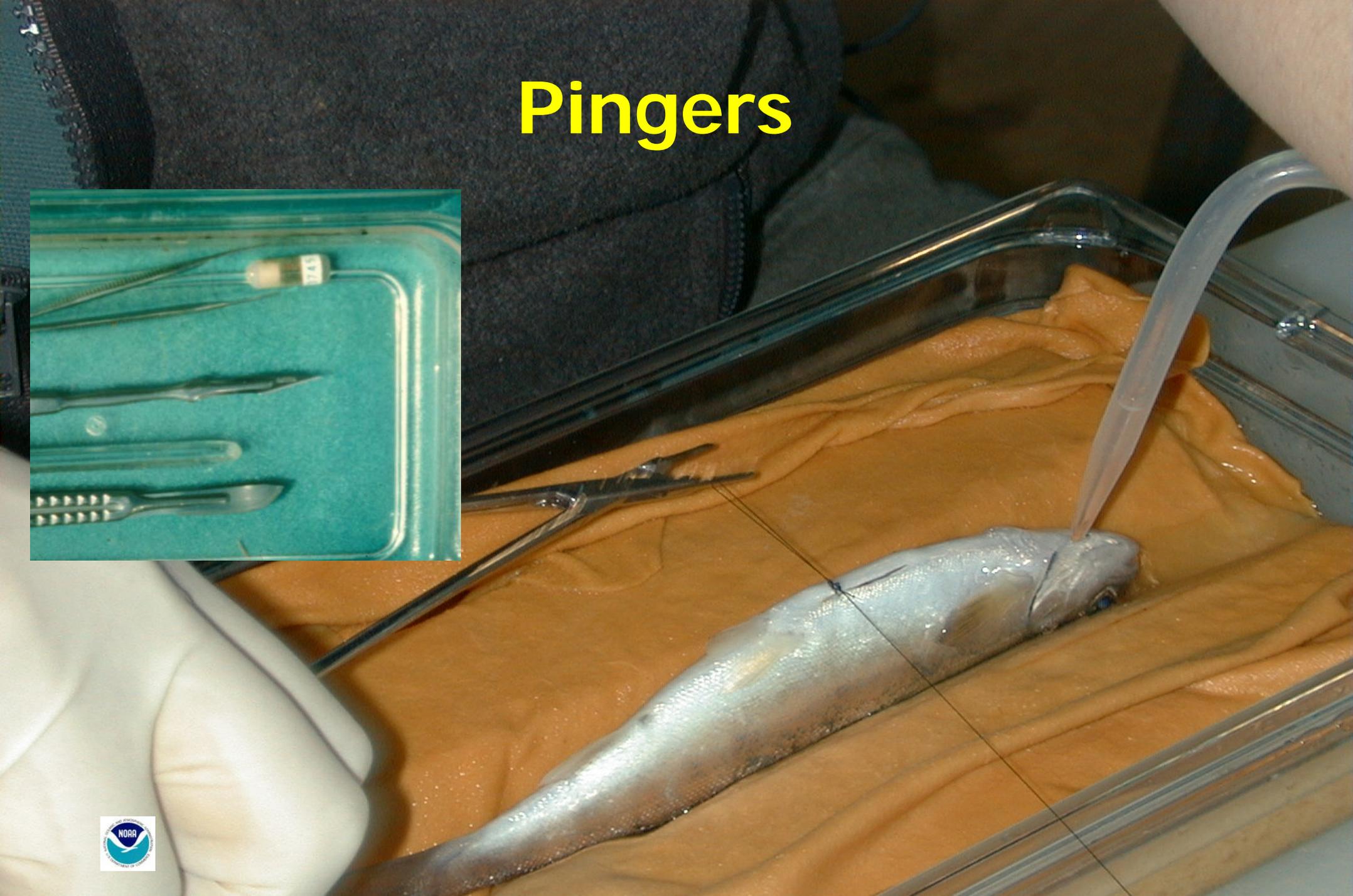


Tracking Smolts

Where do they go?



Pingers

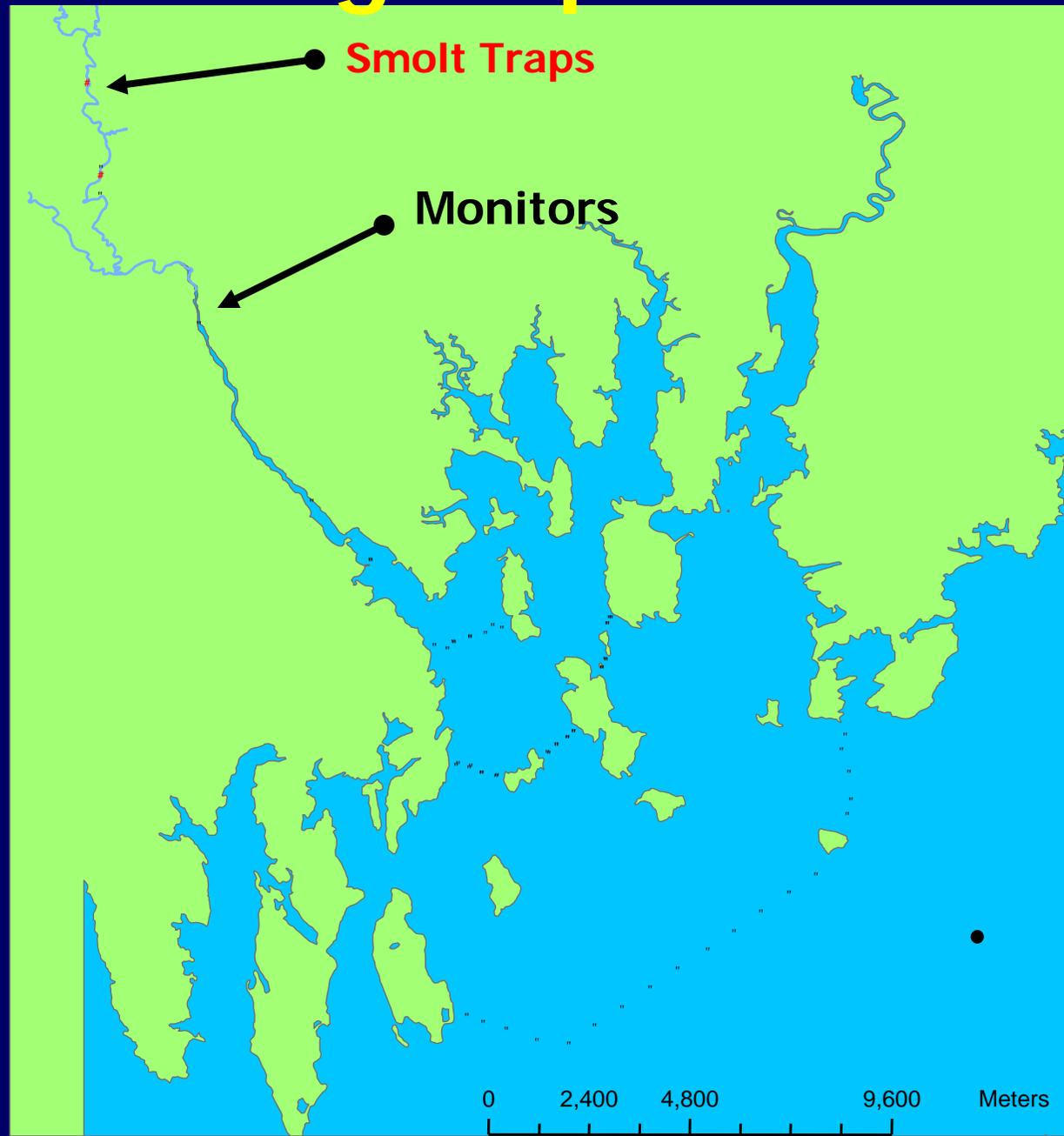


Tags

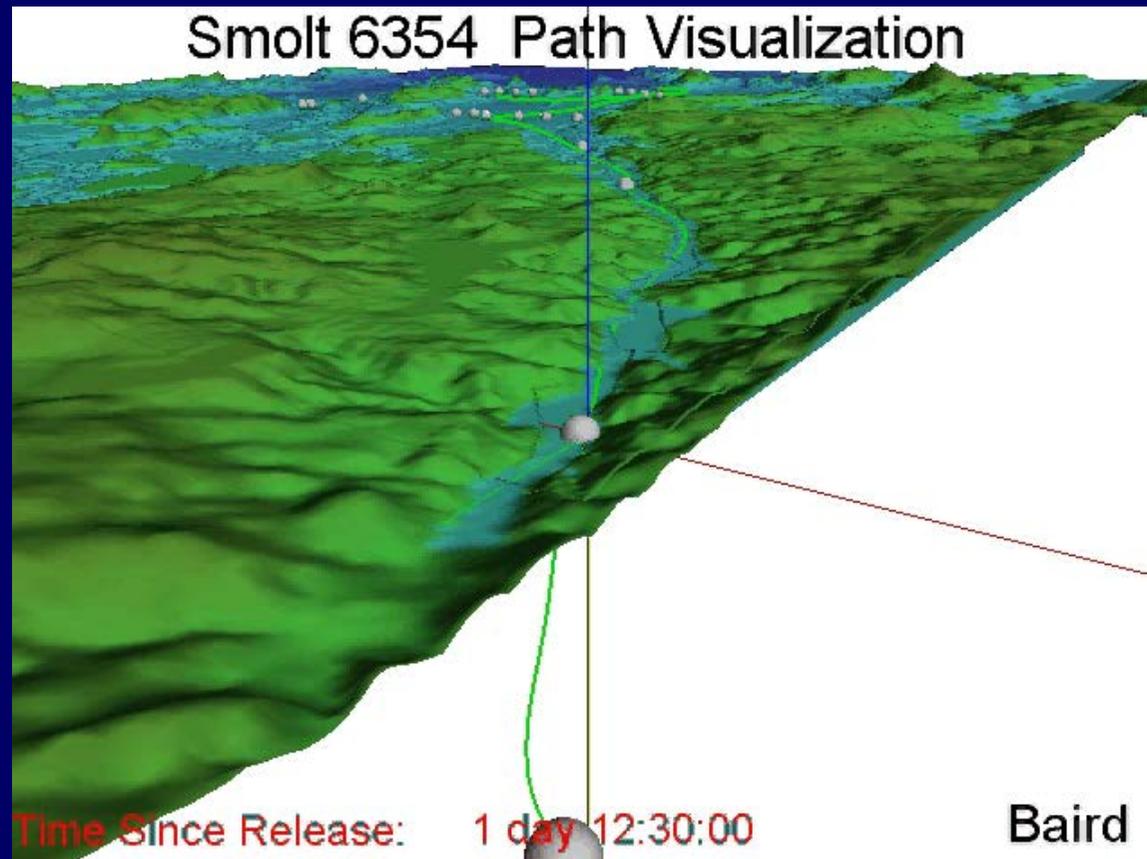


Mark

Smolt Tracking Map



Following a Smolt



Fish Hatcheries





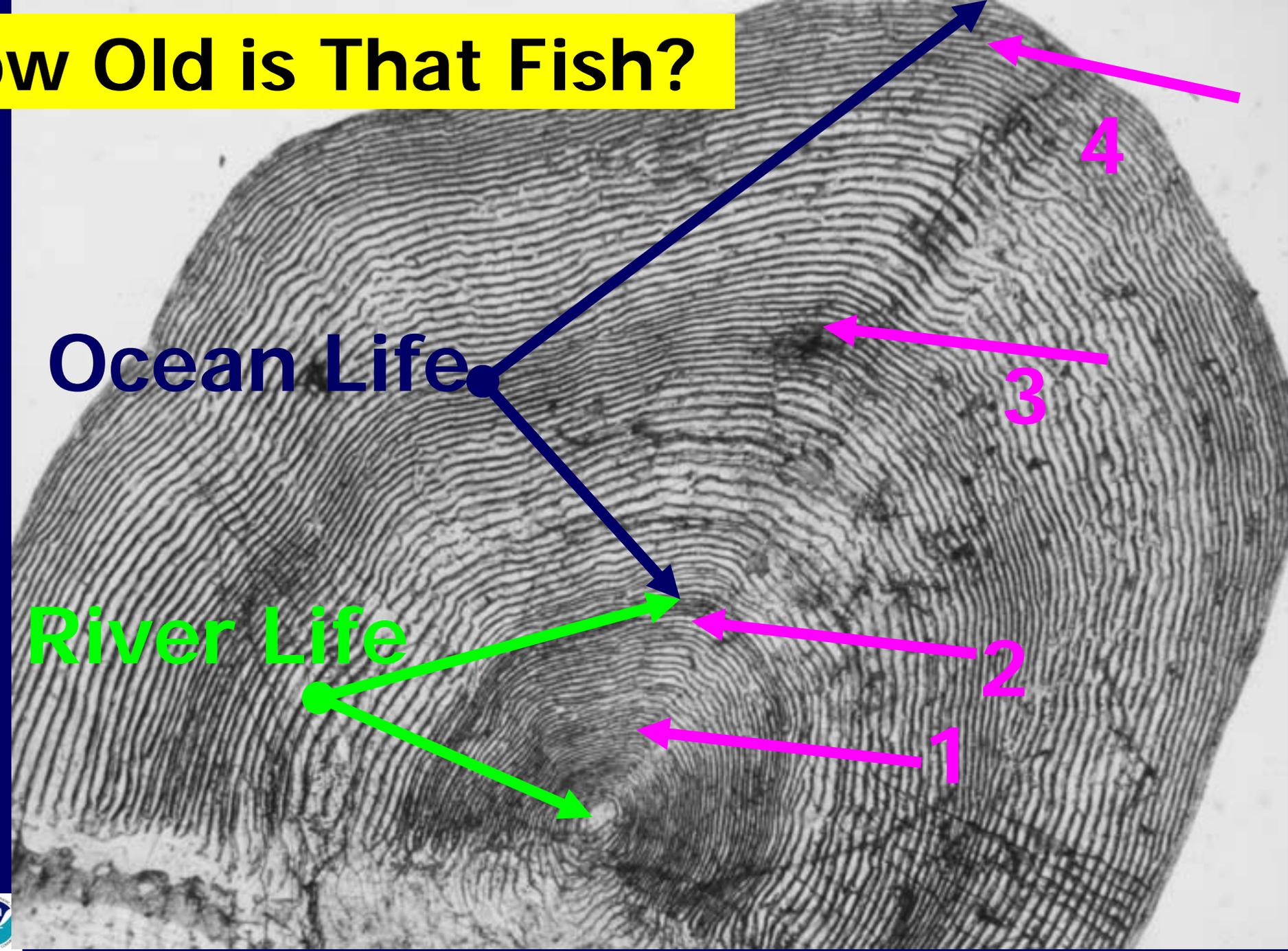
Every Scale Tells a Story

River Salmon



Hatchery Salmon

How Old is That Fish?



Ocean Life

River Life

4

3

2

1



The End

