



The Life Stages of a Rainbow Trout

Photo: Ed Huff

Trout go through five distinct stages to reach adulthood:

- **Egg**
- **Alevin**
- **Fry**
- **Juvenile**
- **Adult**



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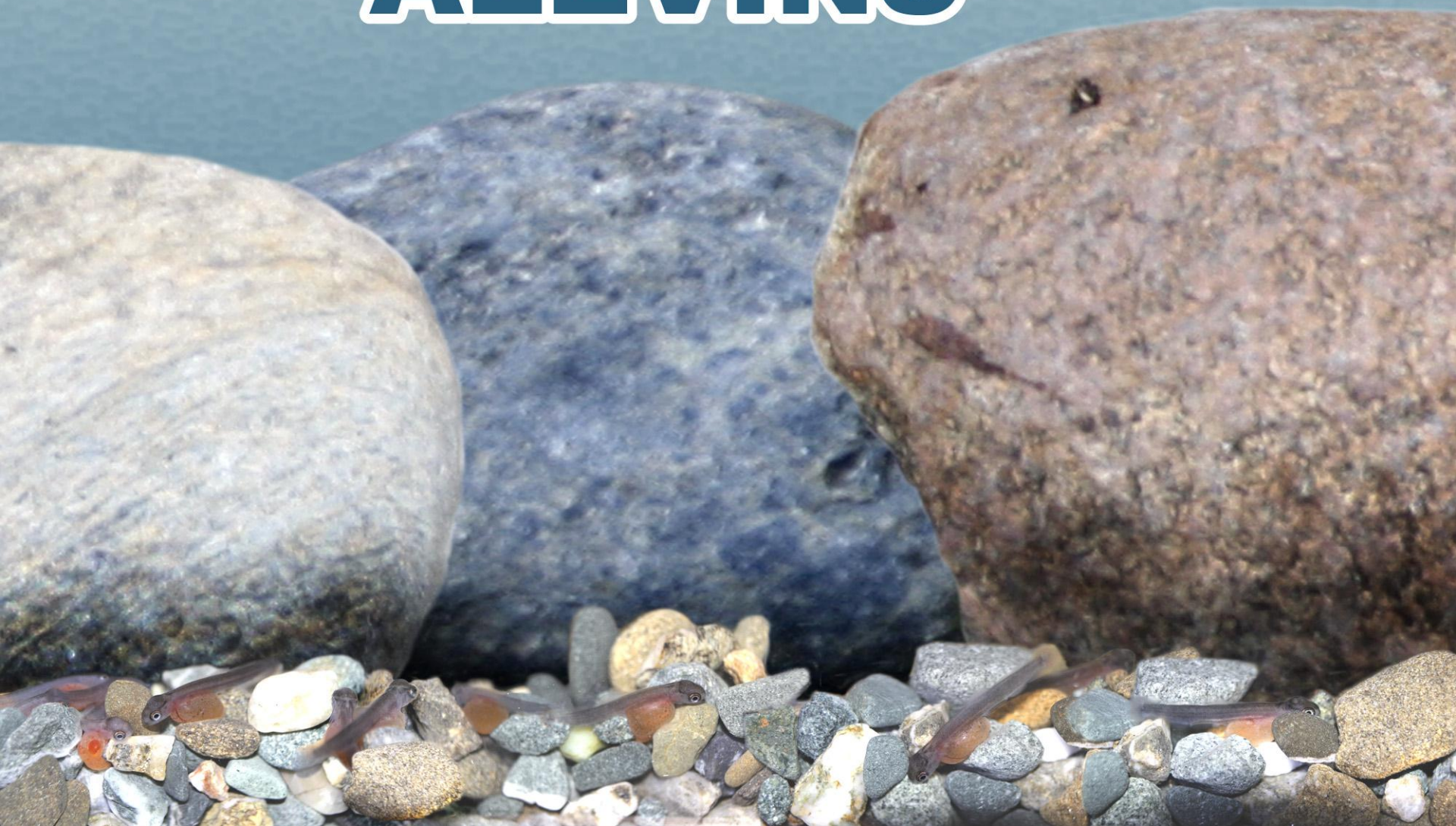
Life Stages of the Rainbow Trout



EGGS



ALEVINS



FRY

(FINGERLING)



Juveniles



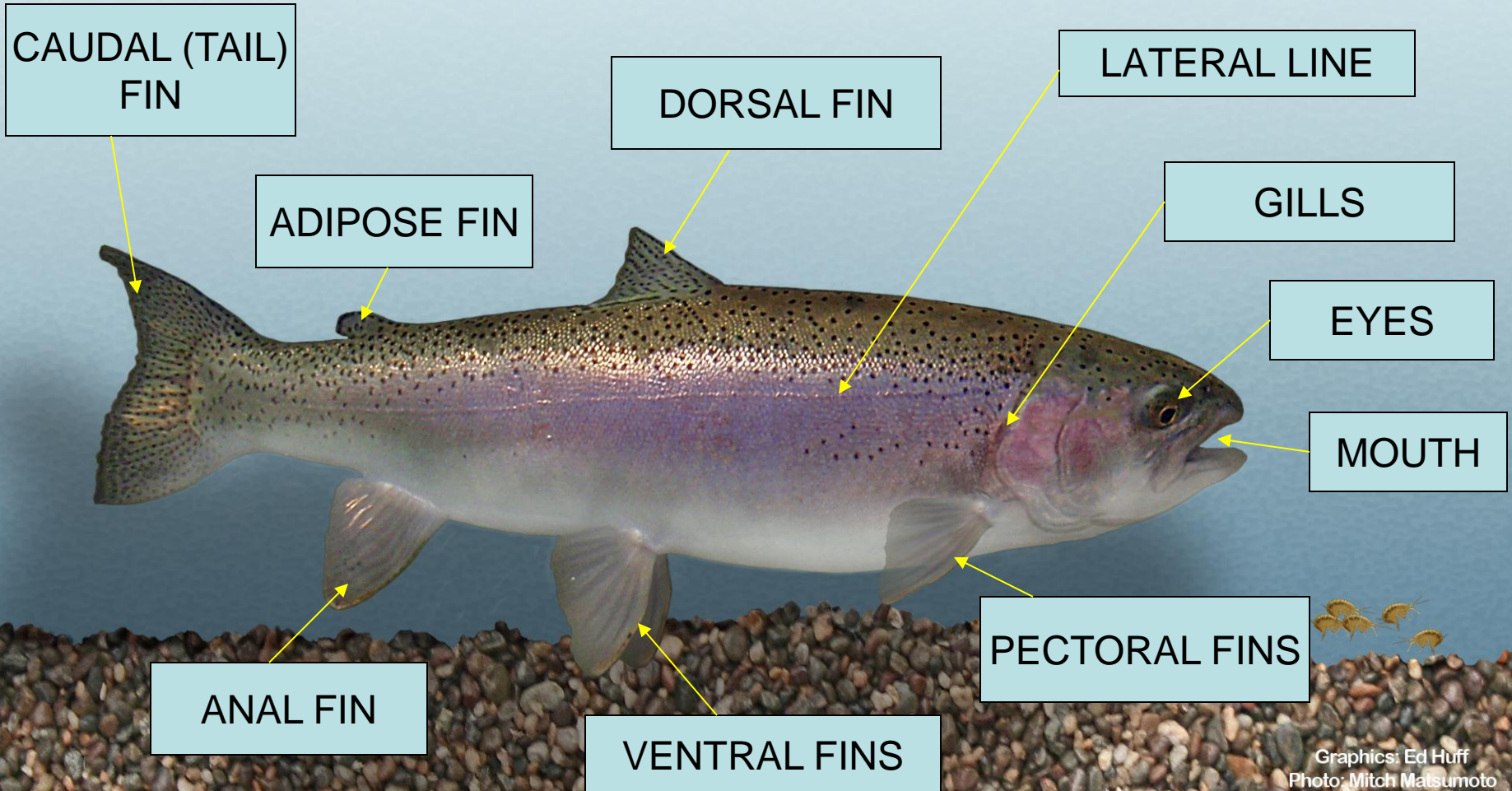
Adult
Rainbow Trout
(Oncorhynchus mykiss)



Graphics: Ed Huff
Photo: Mitch Matsumoto

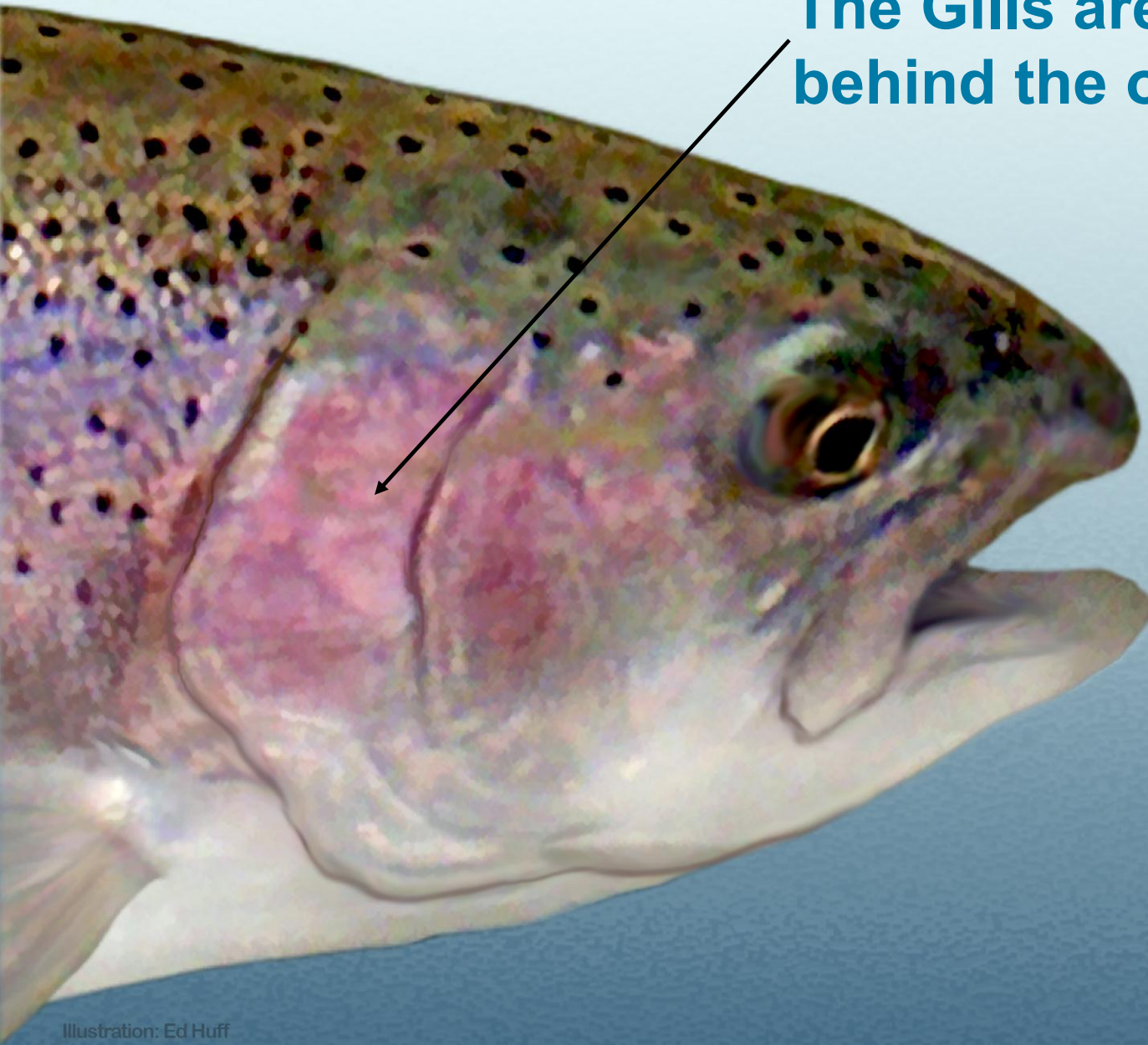
Adult Rainbow Trout

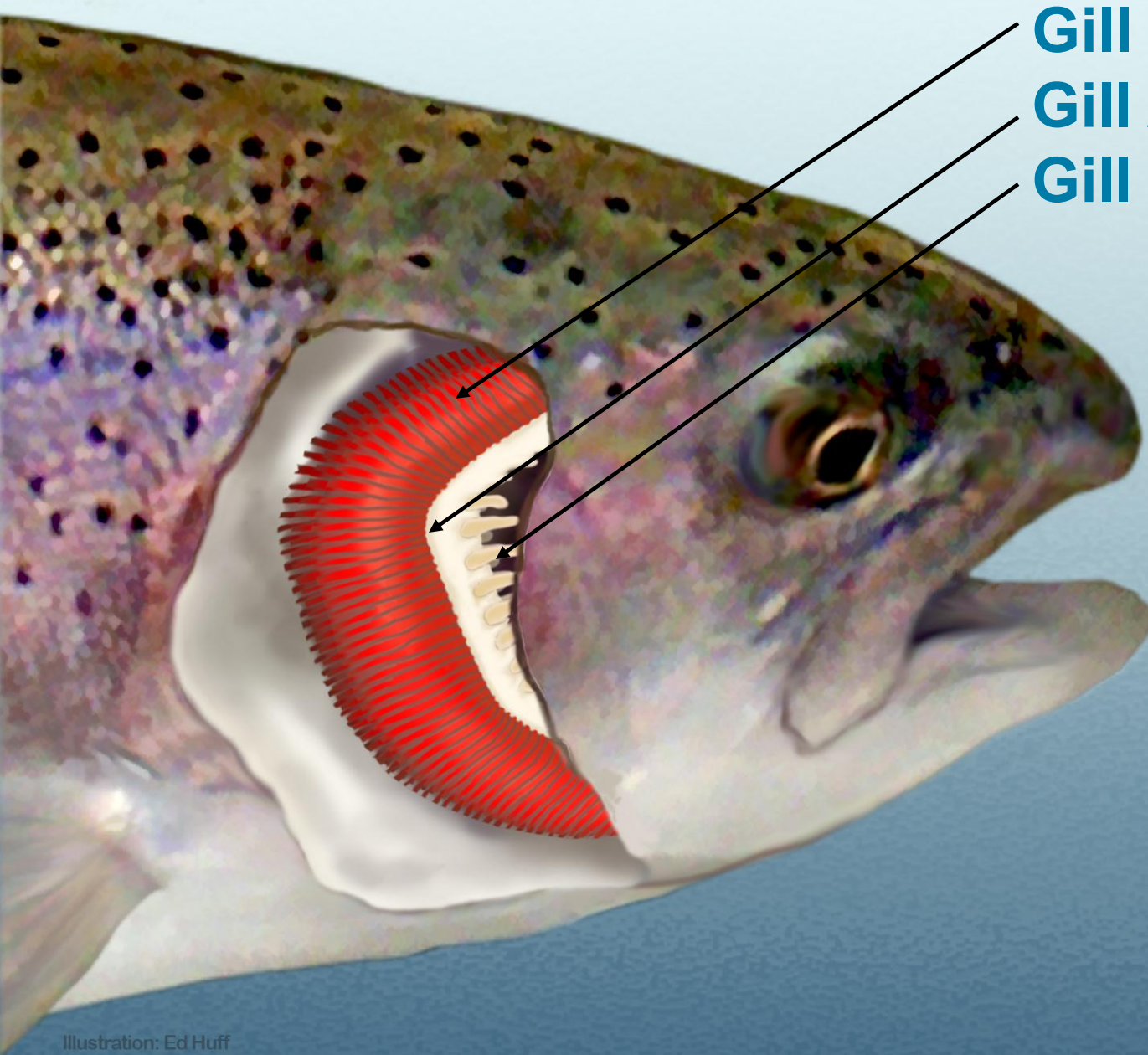
(*Oncorhynchus mykiss*)



Graphics: Ed Huff
Photo: Mitch Matsumoto

**The Gills are located
behind the operculum...**

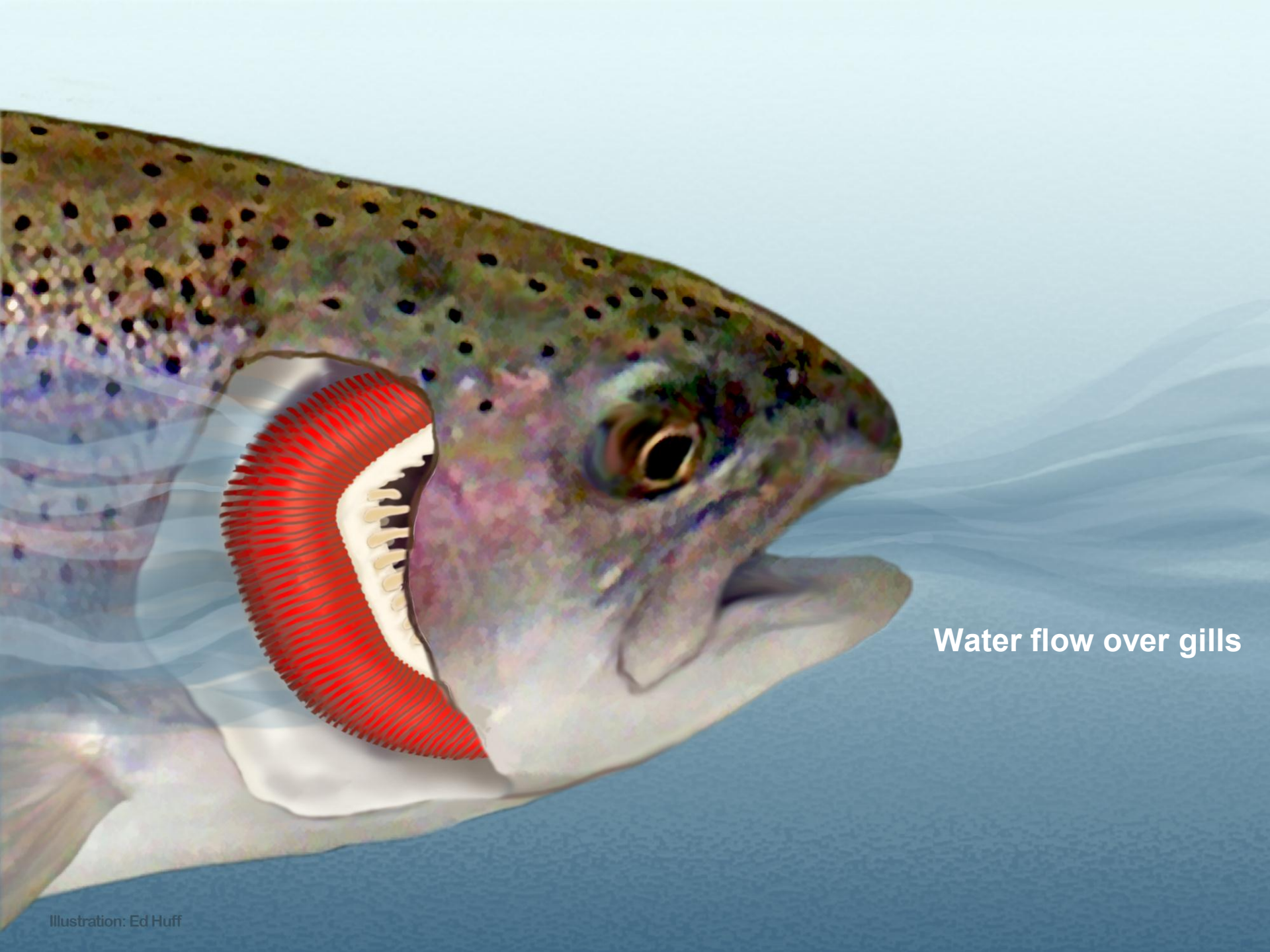




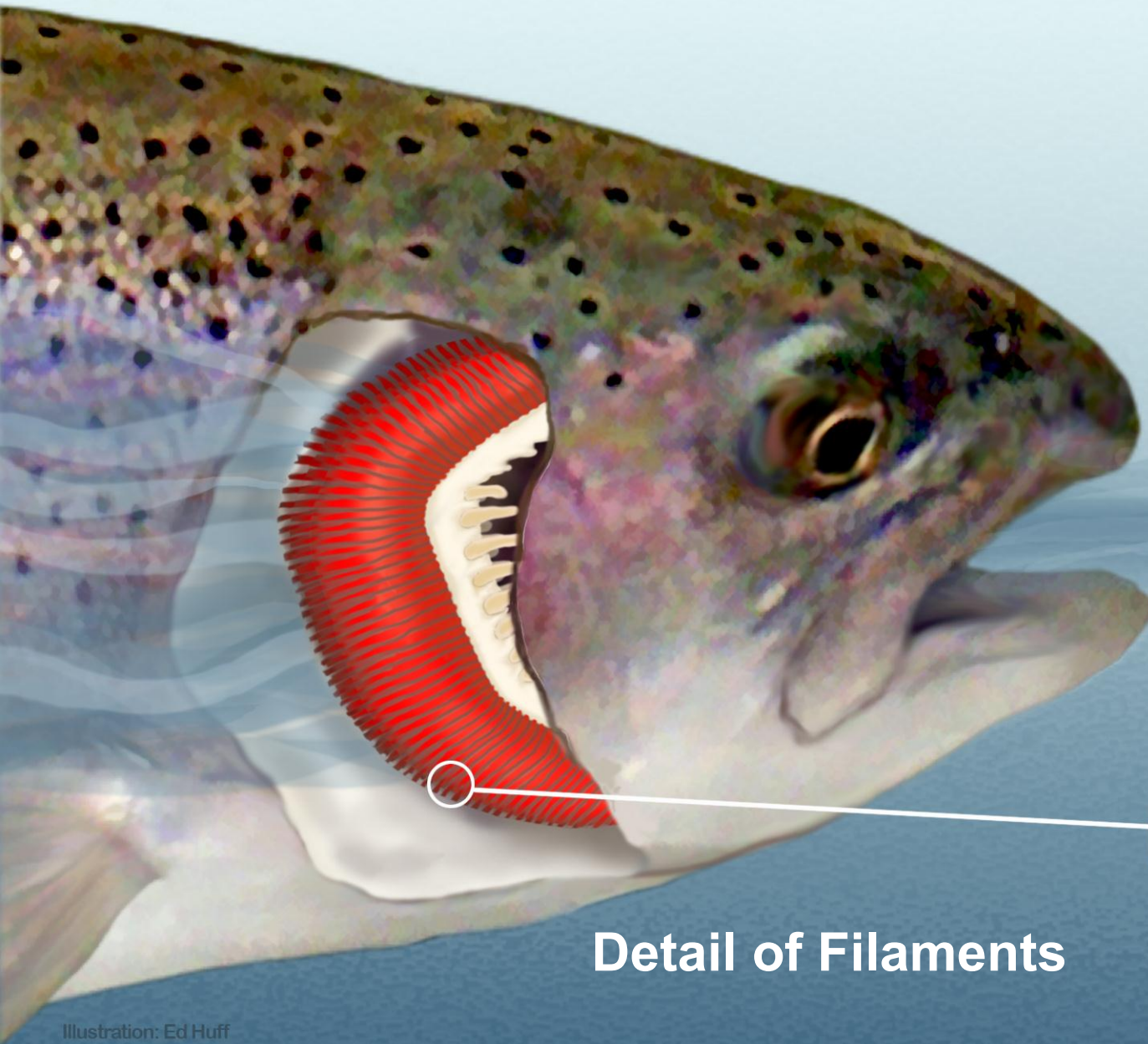
Gill Filaments

Gill Arch

Gill rakers



Water flow over gills



Detail of Filaments





Photo: Ed Huff

Some Trout Facts:

Their average life span is 6 years

Migrating (anadromous) fish live around 6-9 years

The average size at maturity is 3 to 6 pounds

They lay their first eggs at 3 years of age

They deposit an average of from 700 to 6,000 eggs

The average adult will spawn 3 times in its lifetime

They prefer cold water (60° or less)

They require high dissolved oxygen levels (at least 6ppm)



Trout in the Classroom

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Courtesy of

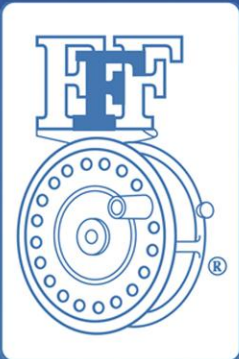


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