

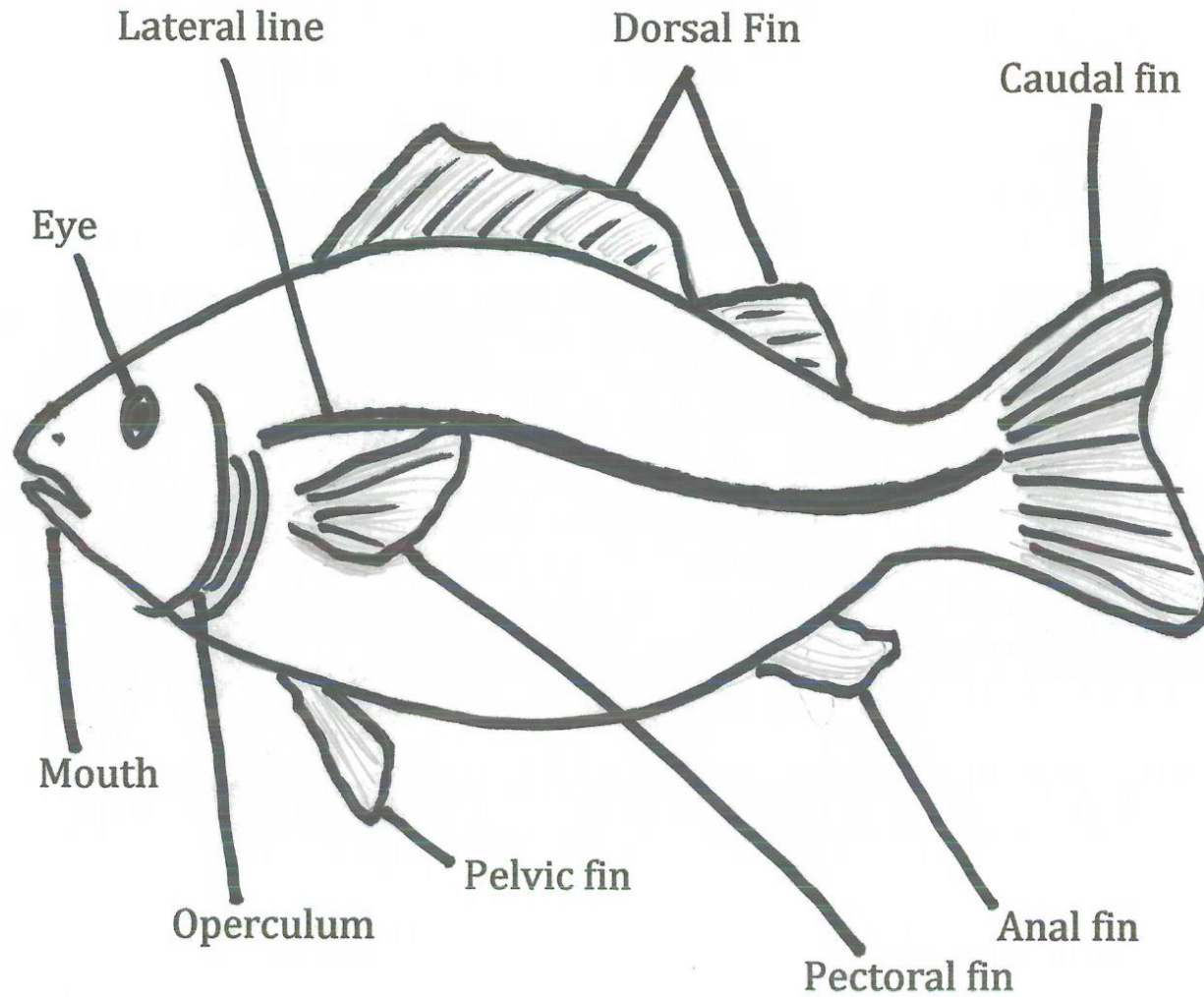
# Go “build-a” Fish

Introduction

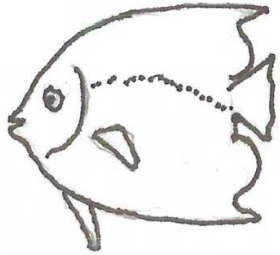
# Fish Morphology

- Morphology is the external anatomy, or body parts, of an animal
- Fish come in all shapes and sizes
- Fish morphology can indicate habitat and prey preference
  - > **Body shape**
  - > **Mouth size, shape and position**
  - > **Caudal fin (tail) shape**
- For example:
  - > **A fish with a mouth on the bottom eats prey from the bottom**
  - > **A fish with a forked tail is built to swim fast in the open ocean**

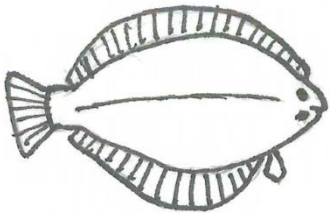
# Fish Morphology



# Fish Body Types



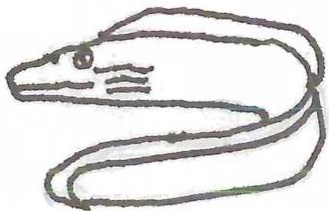
Compressed – more tall than wide



Depressed – more wide than tall



Fusiform – tall in front and tapers to tail



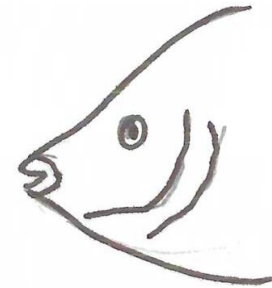
Filiform – long and round all the way down body



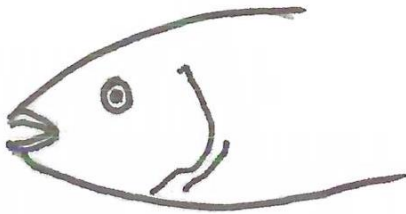
# Fish Mouth Shapes



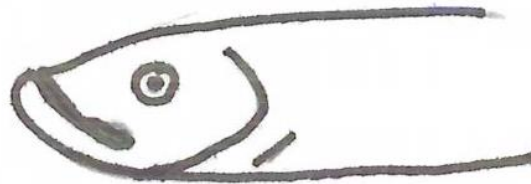
Beak-like mouth



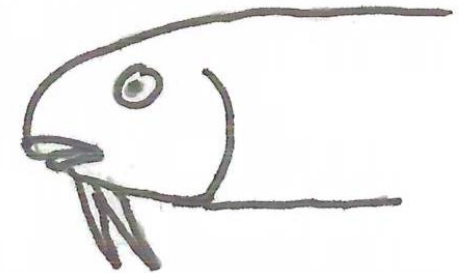
Little mouth



Mouth in front

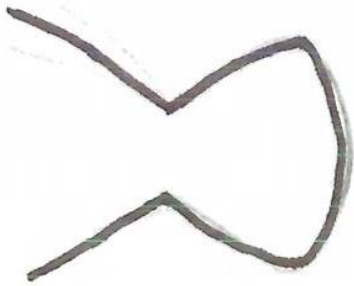


Mouth on top



Mouth on bottom

# Fish Caudal (Tail) Fin Shapes



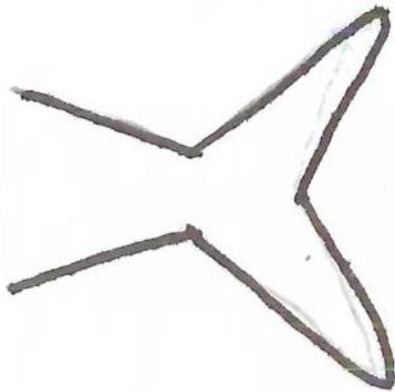
Round



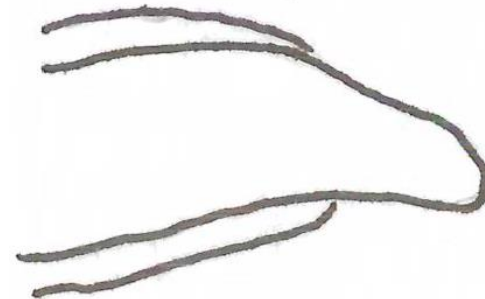
Truncate, Triangular



Lunate, Crescent



Forked



Continuous





What body type, mouth shape and caudal fin shape does this fish have?

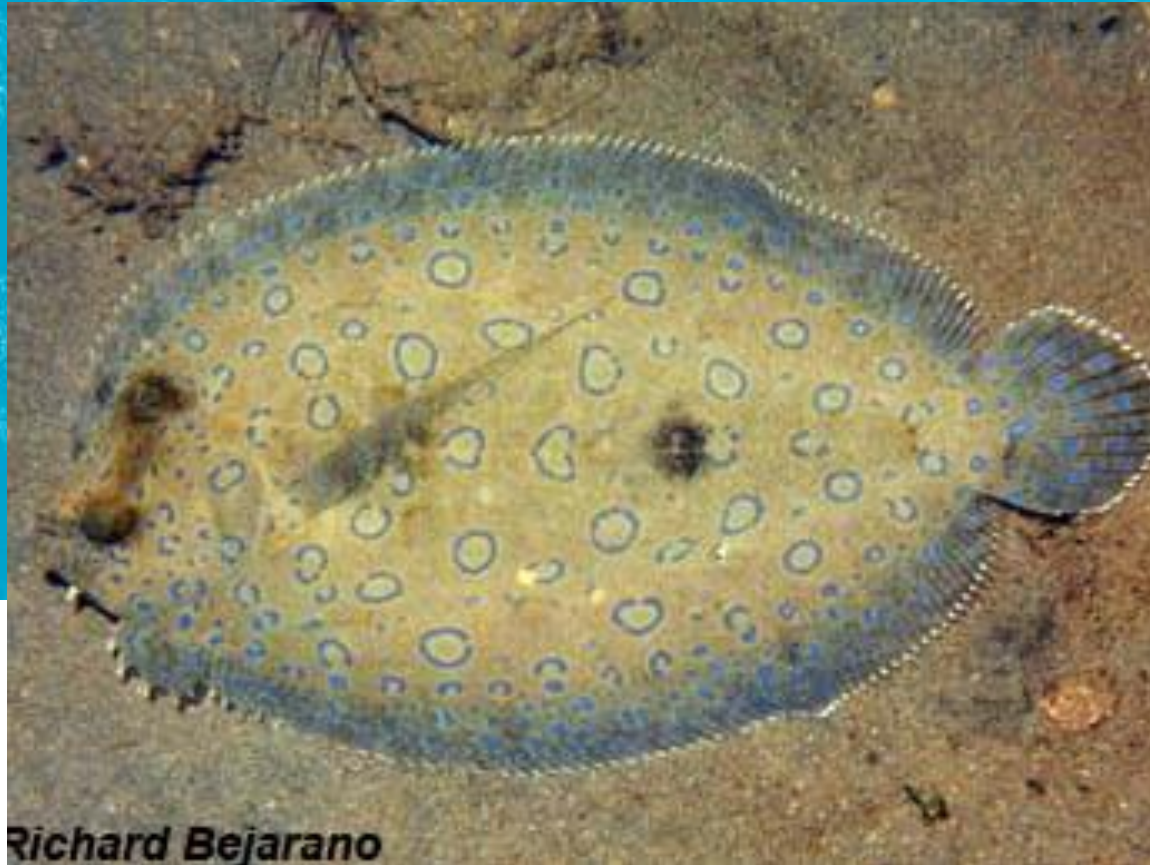
## ELECTRIC EEL



What body type, mouth shape and caudal fin shape does this fish have?

FILIFORM, MOUTH IN FRONT, CONTINUOUS





What body type, mouth shape and caudal fin shape does this fish have?

## PEACOCK FLOUNDER



*Richard Bejarano*

What body type, mouth shape and caudal fin shape does this fish have?

DEPRESSED, LITTLE MOUTH, ROUND





What body type, mouth shape and caudal fin shape does this fish have?

## BLUE TANG



What body type, mouth shape and caudal fin shape does this fish have?

COMPRESSED, BEAK-LIKE MOUTH, TRUNCATE



What body type, mouth shape and caudal fin shape does this fish have?

## NORTHERN HOG SUCKER





What body type, mouth shape and caudal fin shape does this fish have?

FUSIFORM, MOUTH ON BOTTOM,  
FORKED (SLIGHTLY)



What body type, mouth shape and caudal fin shape does this fish have?

## BLUEFIN TUNA



What body type, mouth shape and caudal fin shape does this fish have?

FUSIFORM, MOUTH IN FRONT, FORKED





What body type, mouth shape and caudal fin shape does this fish have?

## ANGLERFISH



What body type, mouth shape and caudal fin shape does this fish have?

COMPRESSED, MOUTH ON TOP, ROUND