Marine Biology

Lab Practical 2

Student Study Guide

Labels on diagram: Stomach, Air Bladder, Gonad, Urinary Bladder, Liver, Heart, Intestine, Anus, Pancreas

1. Mouth
2. Nostril
3. Eye
4. Gill rakers
5. Gill
6. Vertebrae
7. Anterior dorsal fin
8. Posterior dorsal fin
9. Caudal fin
10. Anal fin
11. Urinary bladder
12. Anus
13. Gonad
14. Dorsal aorta
15. Intestine
16. Pelvic fin
17. Stomach
18. Pancreas
19. Pyloric ceca
20. Liver
21. Heart
22. Bulbous arterious

Stomach

Gallbladder

Heart

Spleen

Cloaca
(Anus)

liver

Pancreas
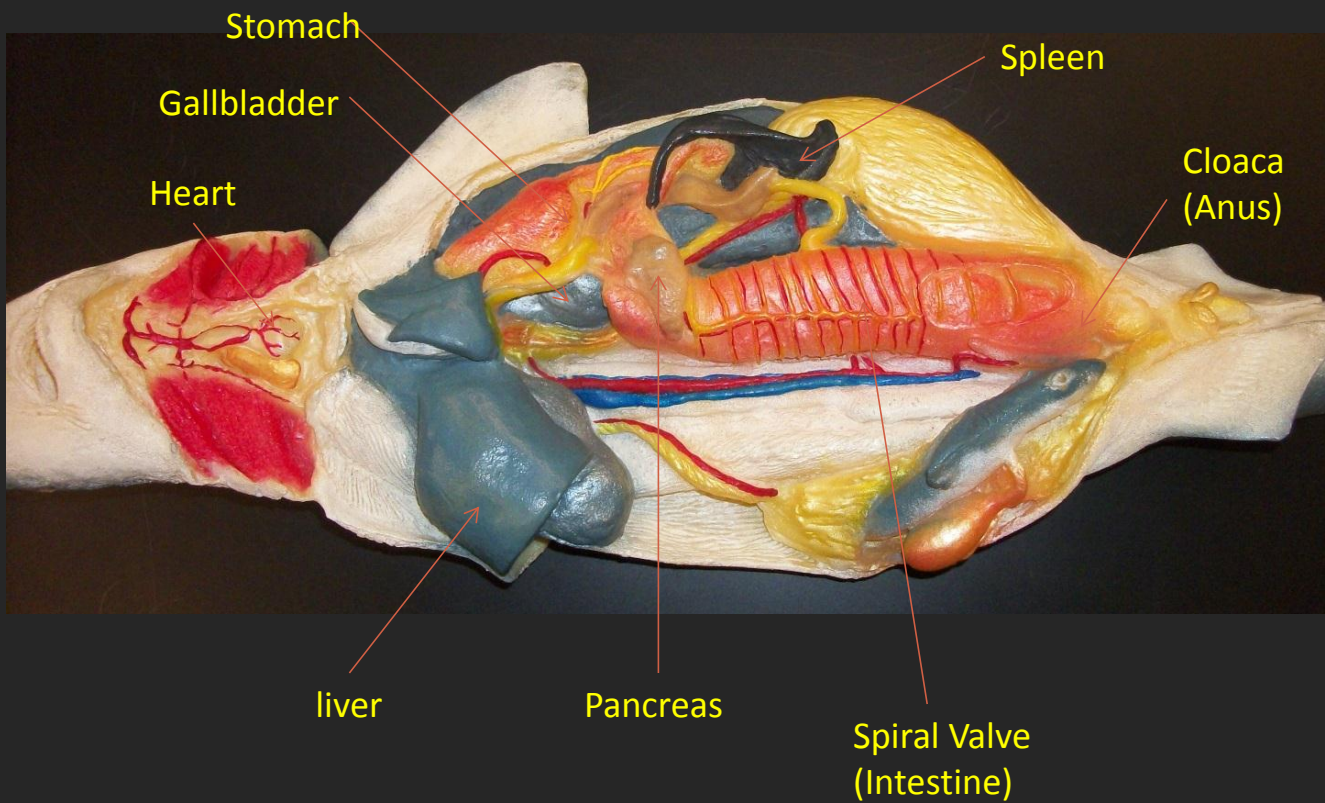
Spiral Valve
(Intestine)

Marine science center study guide

1) **What does TED stand for?**
   Turtle Exluder Device

2) **Why are Oceanfront lights harmful to Sea turtles?**
   They disturb nesting turtles and hatchlings and may disorient them from their nest to ocean

3) **Name 6 of the eight species of Sea Turtle?**
   Loggerhead, Leatherback, Green, Kemps Ridley, Hawksbill, Olive Ridley

4) **Which 3 are the most common in Volusia/Brevard county?**
   Loggerhead, Leatherback and Green?

5) **Name the food to each turtle in your answer to question number 4.**
   Loggerhead – Jellies, mollusks crabs
   Leatherback- jelly-like animals
   Green- jelly-like animals, sea-grasses and Red-Algae's

6) **When is the Sea Turtle nesting season?**
   May 1st– Oct. 31st.

7) **Name 3 predators of Sea turtle eggs?**
   Raccoons, Seabirds, Crabs

8) **Which sea turtle is the largest?**
   Leatherback

9) **Which sea turtle is the most endangered?**
   Kemp Ridley

10) **What is meant by the term "imprinting" in birds?**
    The association a newborn has with its first interaction of a particular party. (if that party is human, the bird thinks it's human)

11) **Which sex of mosquito sucks blood?**
    Female

12) **Name 3 different species of Mangrove.**
    Red, Black, White

1) **Name 3 shark species found off Volusia County Beaches.**
Bull, Bonnet head, Sharp-nosed, Sand

2) **What sex is the majority of Volusia County turtle hatchlings?**
(female)…Dictated by the temperature at where the eggs are incubated…"Cool dudes, hot chicks"

3) **Name 3 fish commonly found in a Mangrove swamp or Salt marsh**
Trout, Redfish, Snook.

4) **Name 3 shorebirds found in Volusia County.**
American Oystercatcher, Willets, Ruddy Turnstone, Piping Plover, Sanderling

5) **What agency operates the marine Science Center?**
Volusia County environmental management

6) **Name 3 things that commonly cause injuries to sea turtles?**
Fishing line, old nets, plastic bags, balloons

7) **What town is the Volusia County Marine Center located in?**
Ponce Inlet

8) **When can injured birds be dropped off at the Marine Science Center?**
24 hours a day- 7 days a week

Blue Marlin

Longbill spearfish

Sailfish

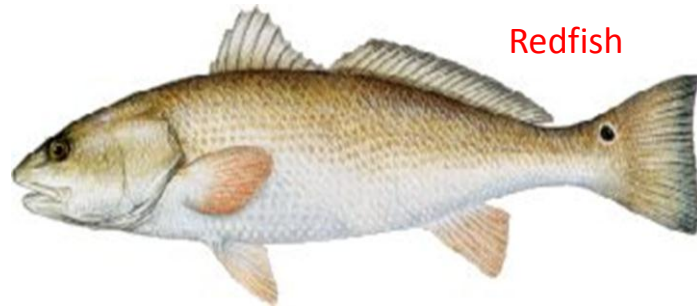Bluefish

Bonefish

Cobia

Dolphin
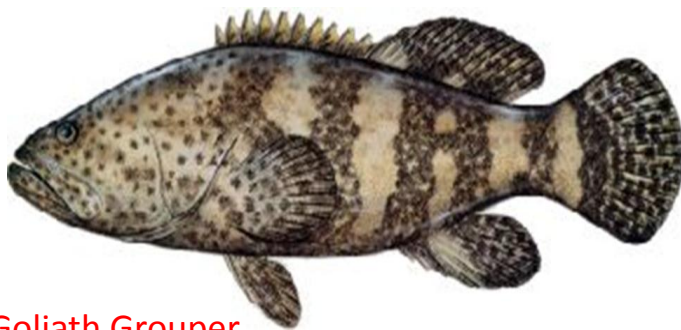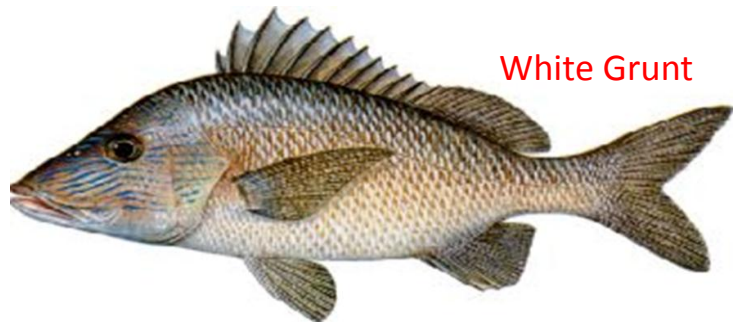
Atlantic Croaker

Black Drum
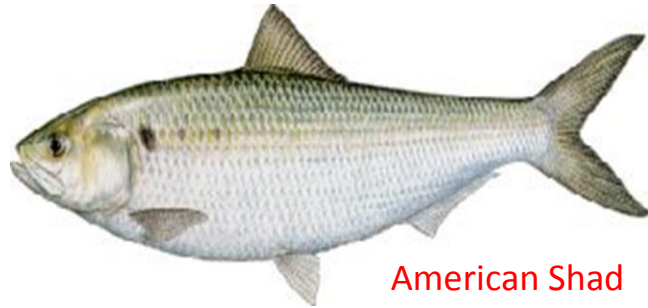
Redfish

Spotted Seatrout

Gulf Flounder

Goliath Grouper
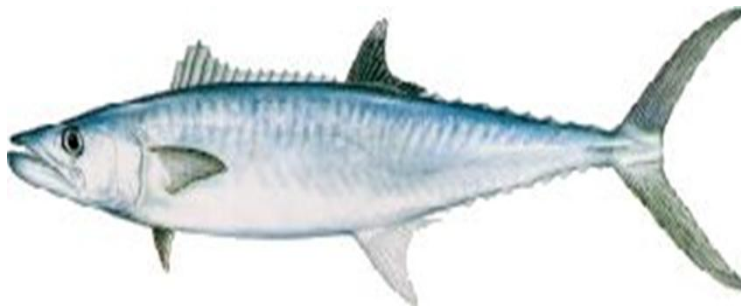
White Grunt

American Shad
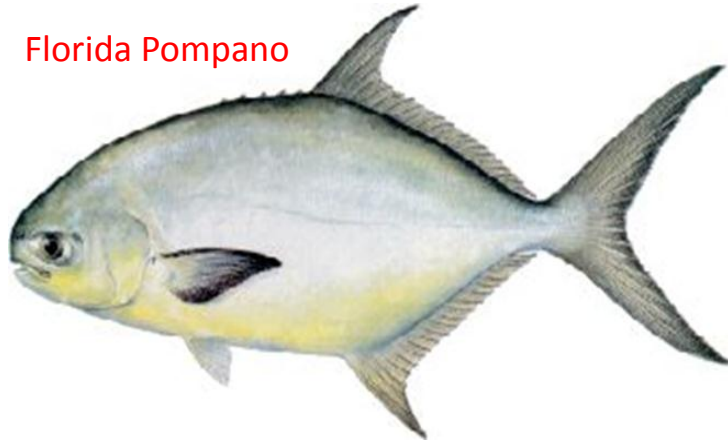
Greater Amberjack

Jack Crevalle
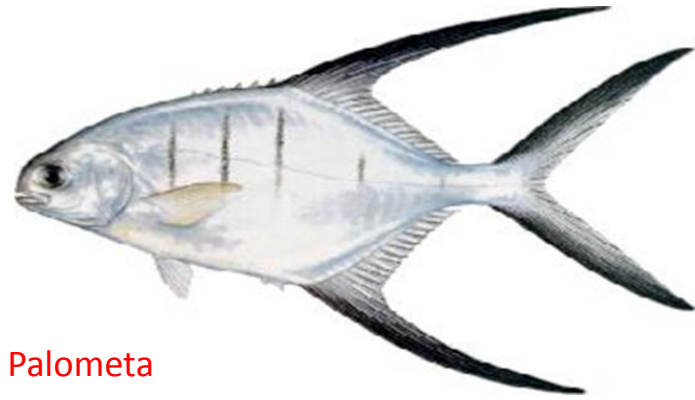
Spanish Mackerel

King Mackerel
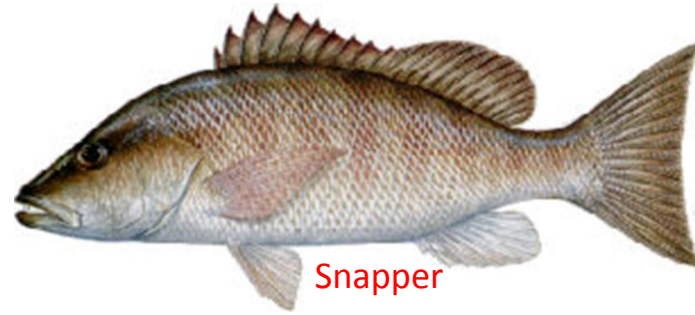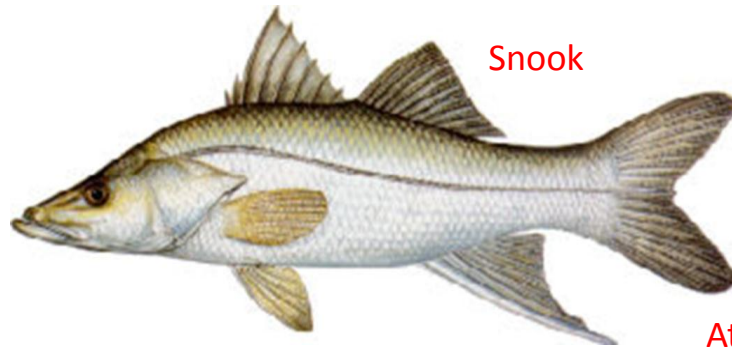
Mullet
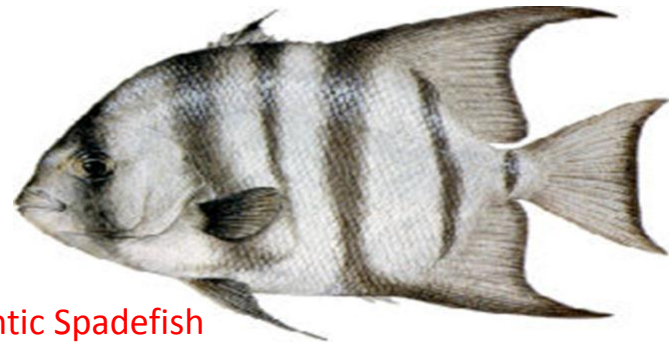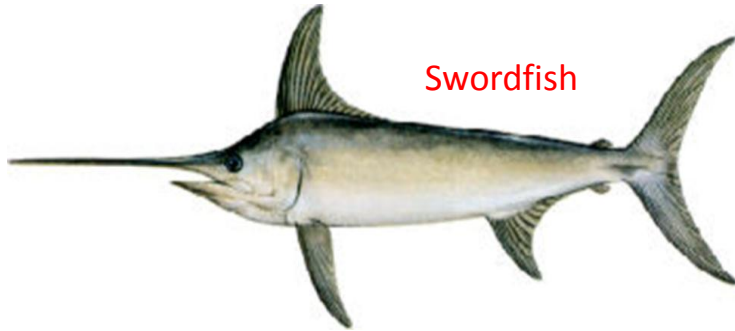
Florida Pompano

Palometa

Permit

Black Sea Bass

Shark

Snapper

Snook

Atlantic Spadefish

Swordfish

Sheepshead

Tarpon

Questions

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