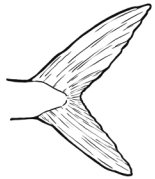


Ocean

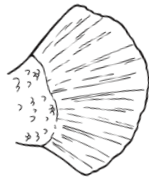
Great Ocean Tank Exhibit:

Fish have many fins. The caudal, or tail, fin gives them the power to swim. The shape of the tail fin determines if they are a fast (forked tail) or slow (round tail) swimmer. List two fast fish and two slow fish.



Forked – Fast

- 1.
- 2.



Round – Slow

- 1.
- 2.

Lower Ocean Gallery Exhibit:

Lionfish are invaders. Even though they are beautiful, they should not be in the waters of South Carolina. Explain why they are invasive:

Zucker Family Sea Turtle Recovery™

Sea turtles can be injured in many different ways — some by human causes and others by natural causes. Pick one sea turtle in Zucker Family Sea Turtle Recovery and fill out the following information:

Name of your sea turtle:

Species of your sea turtle:

Why is your sea turtle in recovery?

Was the issue caused by humans or natural causes? Explain.

What can you do to help this sea turtle?

Aquarium Wrap Up

Now that you have traveled throughout the state of South Carolina, list two things you can do to protect South Carolina habitats and the animals that live there.





6th–8th Grade Scavenger Hunt

MIDDLE SCHOOL

Name: _____

All Galleries

Taxonomy is the classification of organisms. This is one way scientists can learn about and protect the natural world. As you walk around, look for the following animals. For each, figure out the phylum and the Aquarium exhibit in which each animal can be found. Look at the table below for phylum help.

Animal	Phylum	Aquarium exhibit
 Moon jelly		
 Loggerhead sea turtle		
 Octopus		
 Sea urchin		

Phylum Chordata — animals with a vertebrae

Phylum Porifera — have pores, filter feeders

Phylum Cnidaria — tentacles, stinging cells

Phylum Mollusca — soft, muscular foot; hard shell

Phylum Echinodermata — spiny or bumpy skin, water vascular system

Phylum Arthropoda — joined appendages, eyes, exoskeleton

Mountain Forest

Bald Eagle Exhibit:

Why is Liberty the bald eagle at the South Carolina Aquarium?

Can you think of any other human-caused incidents that could harm animals in the wild?

What is an aquarium's role in helping protect species?

Mountain Forest Exhibit:

Circle the word in each pair that best describes a mountain stream.

Fast-moving or Slow-moving

Hot or Cold

Oxygen-rich or Oxygen-poor

Thinking Question: How do the stream characteristics that you circled influence what animals can be found in the mountains?

Piedmont

Reservoir Exhibit:

Name two pros of damming a river:

- 1.
- 2.

Coastal Plain

Brownwater Swamp and Blackwater Swamp Exhibits:

What makes a brownwater swamp brown?

What makes a blackwater swamp black?

List two reasons why swamps are vital ecosystems in South Carolina:

- 1.
- 2.

Carolina Bay Exhibit:

Describe a Carolina bay habitat.

Why are pitcher plants found in Carolina bays?

Saltmarsh Aviary

Saltmarsh Aviary Exhibit:

Where does a saltmarsh habitat get its nutrients? (Circle your answer.)

Land

Sea

Name two functions of a saltmarsh:

- 1.
- 2.

Thinking Question: What would happen to South Carolina's coast if our saltmarshes were destroyed?

Use the given terms and match them to each description (each letter may be used more than once).

- | | |
|---|--|
| A Population —
A group of organisms that can breed with one another (all the same species in an area) | ___ All the red drum |
| B Community —
All the organisms (living things) that inhabit a particular area | ___ Sporobolus (spartina) grass is a producer |
| C Ecosystem —
All the living and non-living things in a particular area | ___ All the plants, animals, pluff mud and water |
| D Niche —
The role an organism plays in an ecosystem | ___ Oysters clean the water as they filter feed |
| | ___ Brown pelican is a consumer |
| | ___ All of the blue crabs and fiddler crabs |
| | ___ All of the great blue herons |
| | ___ All the plants and animals in the saltmarsh |
| | ___ Diamondback terrapin is an omnivore |

Coast

Boneyard Beach Exhibit:

What is a boneyard beach?

What are some factors that transform these beaches?