

Life in a Pond –Page 1



Largemouth Bass

Young - Zooplankton & insects
Adult - Fish, crayfish, & frogs



Bluegill

Young – Zooplankton
Adult – Insect larvae, crayfish,
leeches, snails, small fish



Crayfish

Young - Zooplankton
Adult - Fish, plants, worms,
insects, snails, & plankton



Phytoplankton

(Includes algae, diatoms, &
other microscopic plant life)

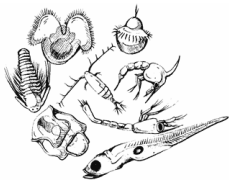


Aquatic Plants



Mosquito Larvae

Algae, plankton, & bacteria



Zooplankton

(Microscopic animals)
Detritus & phytoplankton



Raccoon

Plants, earthworms, fish,
amphibians, & crayfish



Eastern Tiger Salamander

Worms, insects, & other
salamanders



Pond Frog

Young – Algae & detritus
Adult – Insects, spiders, small
fish, & worms



Leeches

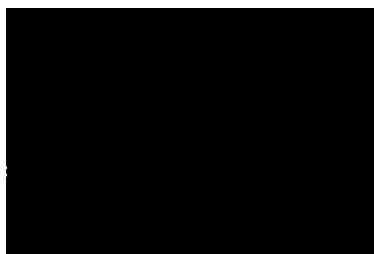
Detritus, insect larvae,
snails & worms



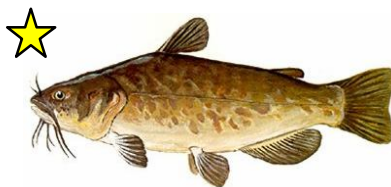
Snail

Phytoplankton, detritus,
& aquatic plants

Life in a Pond –Page 2



Aquatic Worms
Detritus & bacteria



Bullheads (Catfish)
Aquatic plants, algae, insects,
worms, fish eggs, & small fish



Great Blue Heron
Small fish, reptiles, & insects



Snapping Turtle
Invertebrates, fish, reptiles,
birds, mammals, & plants



Aquatic Insect Nymphs
Other aquatic insects, small
crustaceans, & worms



Mallard
Seeds & plants; may also eat
insects, mollusks, crustaceans

**Make your own cards by adding a picture of the organism,
its name, and its diet (if it is a consumer.)**

Name _____
Diet:

Name _____
Diet:

Name _____
Diet:

Pond Water Webs

Student Worksheet

Name _____

Use the food web to complete #1-3.

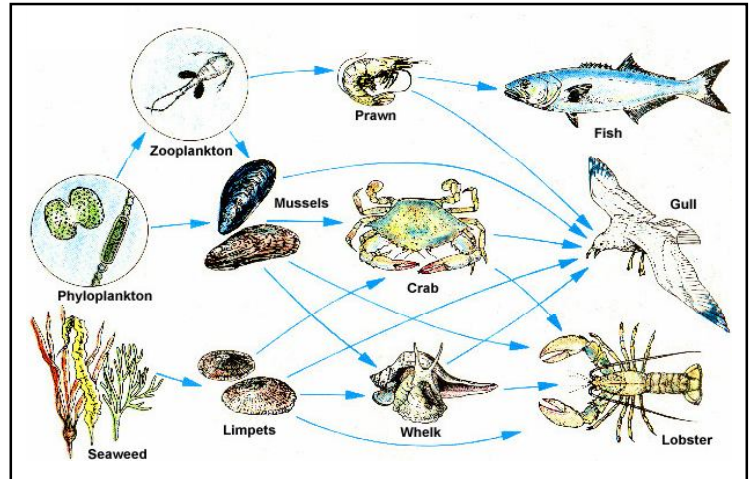
1. Which organisms are the producers?

2. Identify the consumers using these letters...

C – Carnivore

O – Omnivore

H – Herbivore



3. Answer these questions about the food web above.

What would happen to the limpet population if the mussels were to die out due to a disease?

How would the zooplankton be affected if the fish population were to increase?

How would the whelk population be affected if crabs were removed?

Pond Water Web

4. Cut apart the Life in a Pond cards and sort them into three categories: producers, consumers, and decomposers. Create four food chains in the space below. Remember, each food chain must start with a producer!

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5. Use at least 10 of the cards to create a food web to show the relationship between the organisms in a pond habitat. You must use the three cards with stars! After you have created the food web, glue the pieces onto a large sheet of construction paper and add arrows to show the feeding relationships.

6. After you have finished your web, answer these questions.

What would happen to your food web if the aquatic plants died out because of pollution?

What would happen to your food web if the population of great blue heron was to double?

Asian carp consume zooplankton, which many fishes typically feed on in their juvenile stages, and have no known predators. How would the introduction of an Asian carp affect your food web?