

# For Creative Minds

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## Endangered Animal Vocabulary

**Extinct:** A species that is no longer alive anywhere on earth—extinction is forever.

**Endangered:** A species in a lot of trouble—it may become extinct if people don't help out.

**Threatened:** A species in trouble—it may become endangered if people don't help out.

**Recovered:** A species that has been removed (delisted) from the Federal Endangered Species Act's list.

**Downlisted:** A species' recovery showing enough improvement to have listing changed (e.g. endangered to threatened).

**Habitat:** Where the animals live and can find everything they need to survive: food, water, shelter, and a safe place to raise their families.

## Food Chains & Webs

Our earth is filled with millions of different animals. All animals need energy to live and grow. They get this energy from the food they eat. Animals depend on one another, and are connected to each other, by food chains. A food web is made of many food chains which have some of the same animals or plants.

Food chains begin with plants. Plants are known as producers because they make their own food using energy from the sun in a process called photosynthesis.

Carnivores are animals that eat meat or other animals. Carnivores also get energy from the sun because they eat animals that have eaten plants.

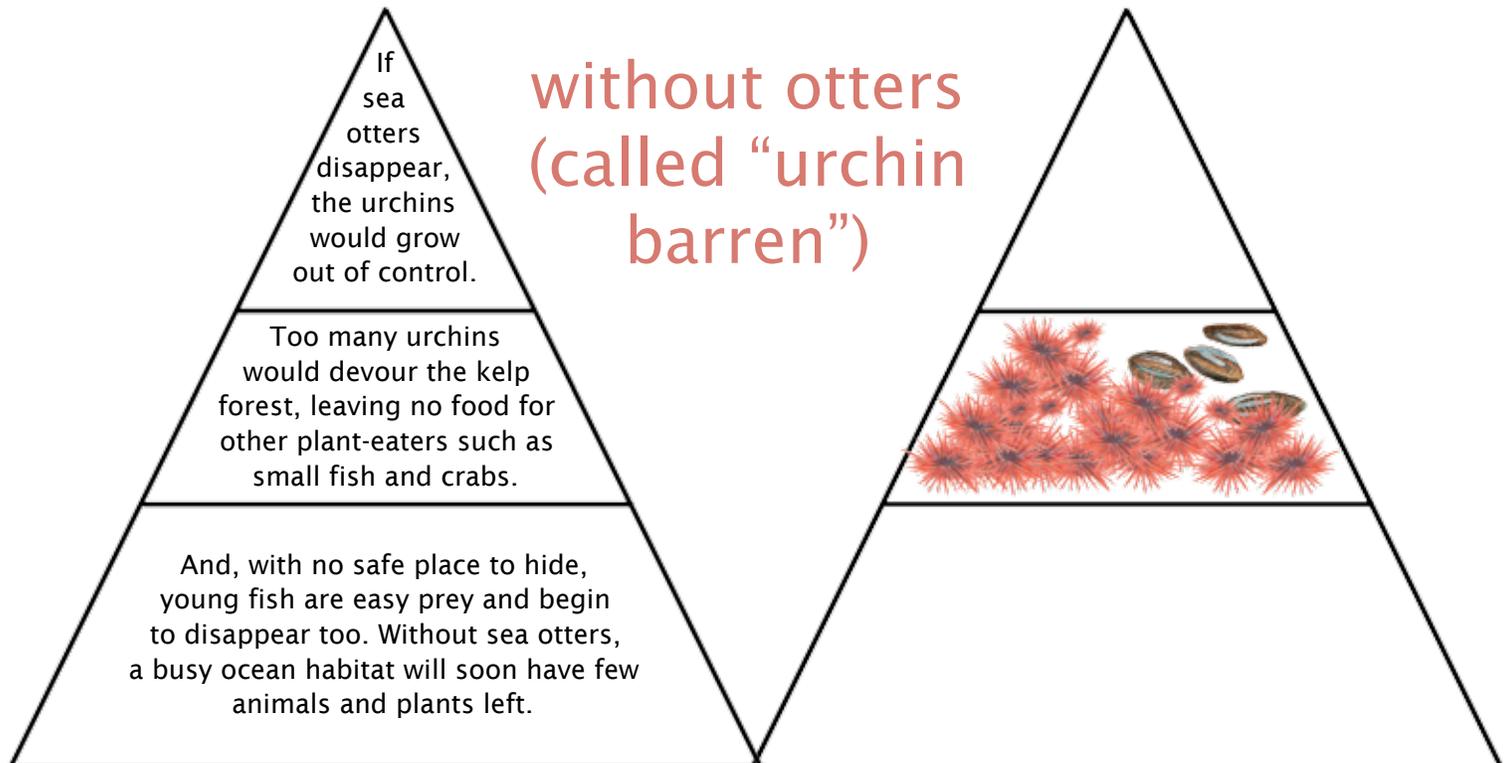
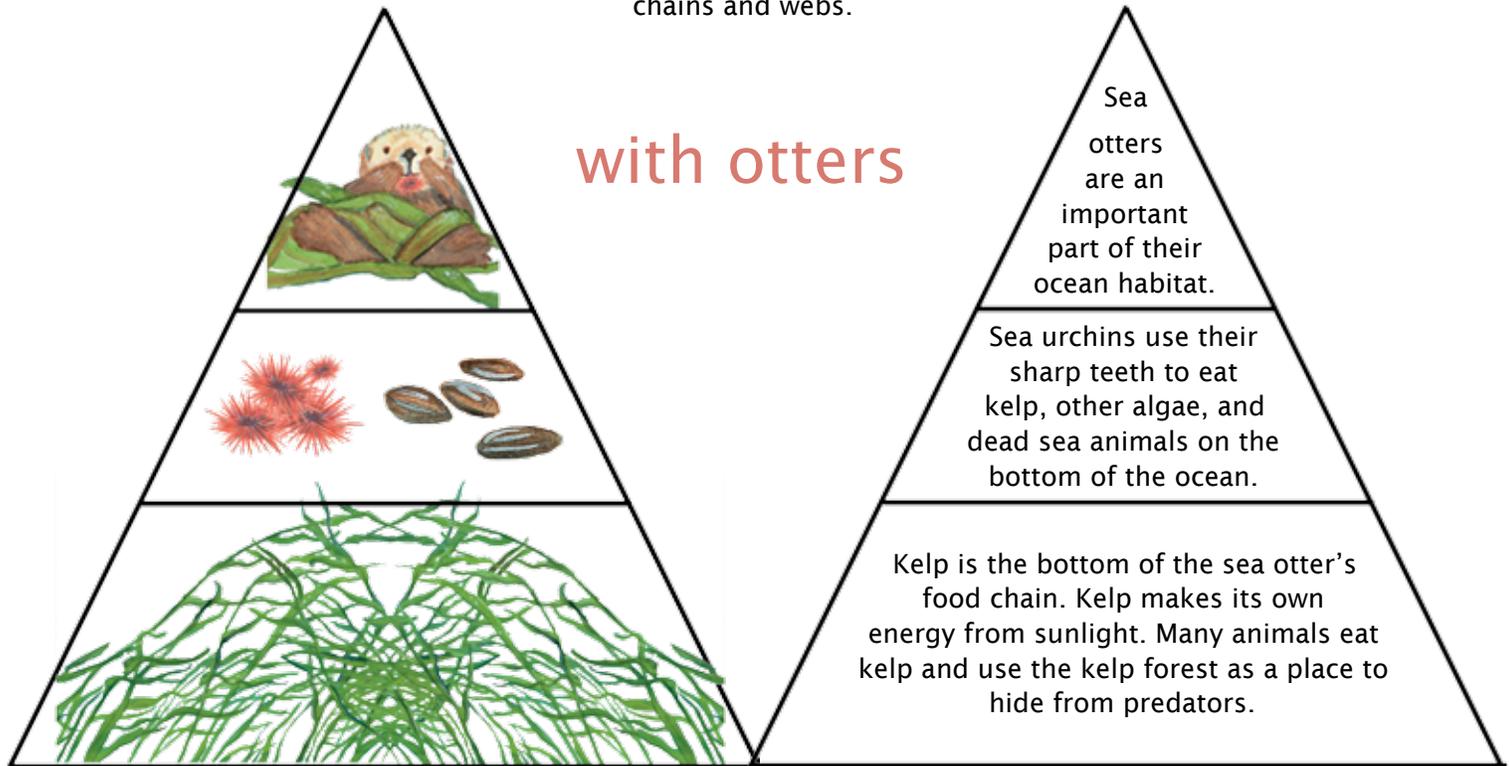
People are at the top of many food chains. Can you think of other animals that are at the top of their food chains?

Animals that eat plants are called herbivores. When animals munch on tasty plants, they get some of the sun's energy which is stored inside plants.

Animals that eat both plants and animals are called omnivores. Living things that eat other living things are called consumers. Herbivores, carnivores, and omnivores are all consumers.

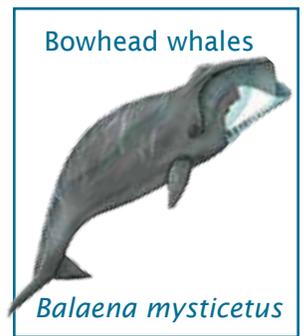
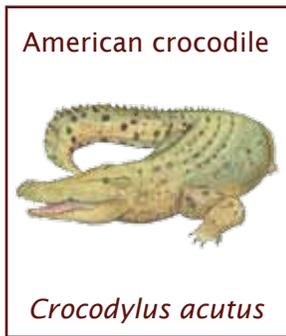
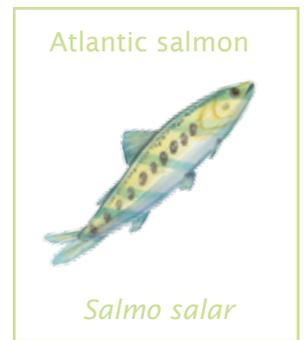
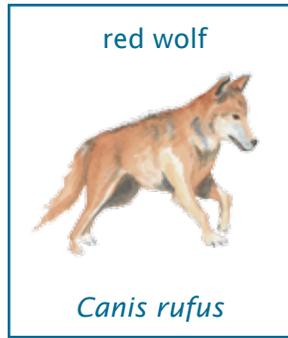
# Missing Links in Food Chains

Animals and plants in a habitat are connected to each other in food chains and webs. If the population of one animal decreases, or if an endangered animal becomes extinct, this loss affects many other animals in its food chains and webs.



# Endangered Animals

Use the information found in the book to answer the questions below. Answers are upside down at the bottom of this page.



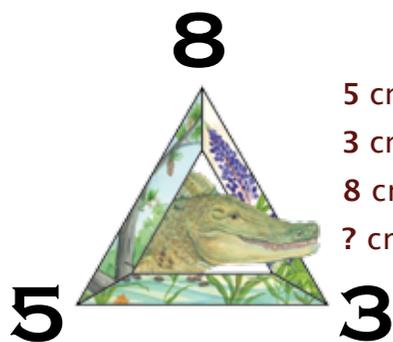
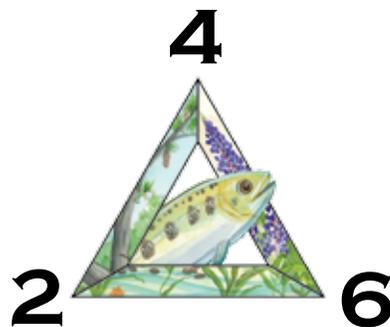
1. Which animals are mammals, reptiles, fish, birds, insects, or amphibians?
2. Which animals are currently federally listed as endangered, threatened, or recovered?
3. Which animals are marine mammals (mammals that live in the ocean)?

1. Mammals: sea otter, West Indian manatee, Bowhead whale, gray bat, red wolf, Utah prairie dog; Reptile: American crocodile; Fish: Atlantic salmon; Birds: whooping crane, bald eagle; Insect: Karner blue butterfly; Amphibian: Mississippi gopher frog  
 2. Endangered: Karner blue butterfly, whooping crane, American crocodile, Atlantic salmon, Bowhead whale, West Indian manatee, gray bat, red wolf  
 Threatened: Utah prairie dog, sea otter  
 Recovered: bald eagle  
 3. sea otter, Bowhead whale, West Indian manatee

# Fact Families

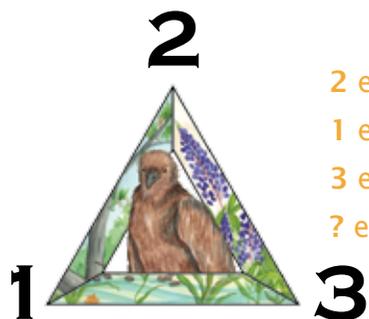
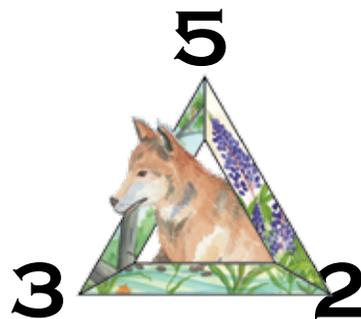
Just as animals in a family are related to each other, numbers in a fact family are related too. The three numbers in each fact family below are related to each other by the four math facts beside them.

4 salmon + ? salmon = 6 salmon  
2 salmon + 4 salmon = ? salmon  
6 salmon - 4 salmon = ? salmon  
? salmon - 2 salmon = 4 salmon



5 crocodiles + ? crocodiles = 8 crocodiles  
3 crocodiles + 5 crocodiles = ? crocodiles  
8 crocodiles - 5 crocodiles = ? crocodiles  
? crocodiles - 3 crocodiles = 5 crocodiles

? wolves + 2 wolves = 5 wolves  
2 wolves + 3 wolves = ? wolves  
5 wolves - 2 wolves = ? wolves  
? wolves - 3 wolves = 2 wolves



2 eaglets + ? eaglets = 3 eaglets  
1 eaglet + 2 eaglets = ? eaglets  
3 eaglets - 2 eaglets = ? eaglets  
? eaglets - 1 eaglet = 2 eaglets

3 butterflies + ? butterflies = 8 butterflies  
5 butterflies + 3 butterflies = ? butterflies  
8 butterflies - 5 butterflies = ? butterflies  
? butterflies - 6 butterflies = 2 butterflies

