

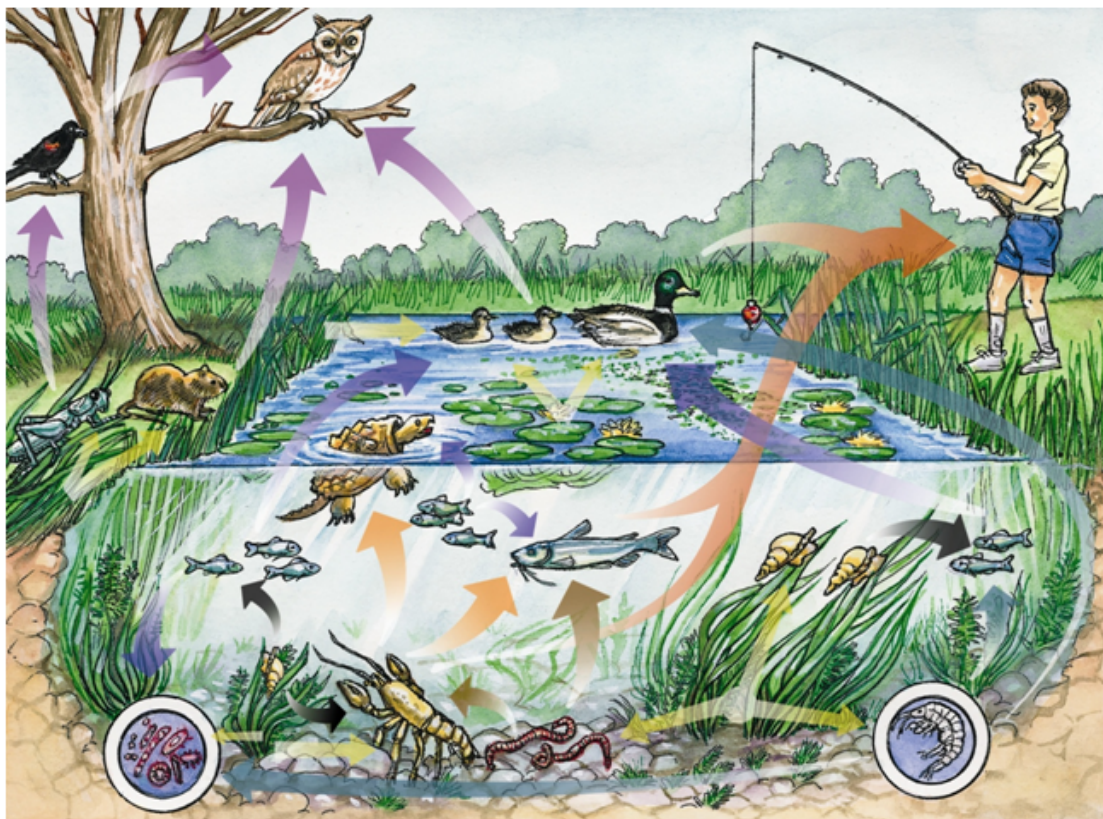
- In most ecosystems, feeding relationships are more complex than can be shown in a food chain.
- When the feeding relationships among various organisms in an ecosystem form a network of complex interactions, ecologists describe these relationships as food webs.

A **food web** links all the food chains in an ecosystem together...

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## Food Web

A food web shows the many possible food chains that exist in an ecosystem.



# EXERCISE...

## Boreal Forest Food Web

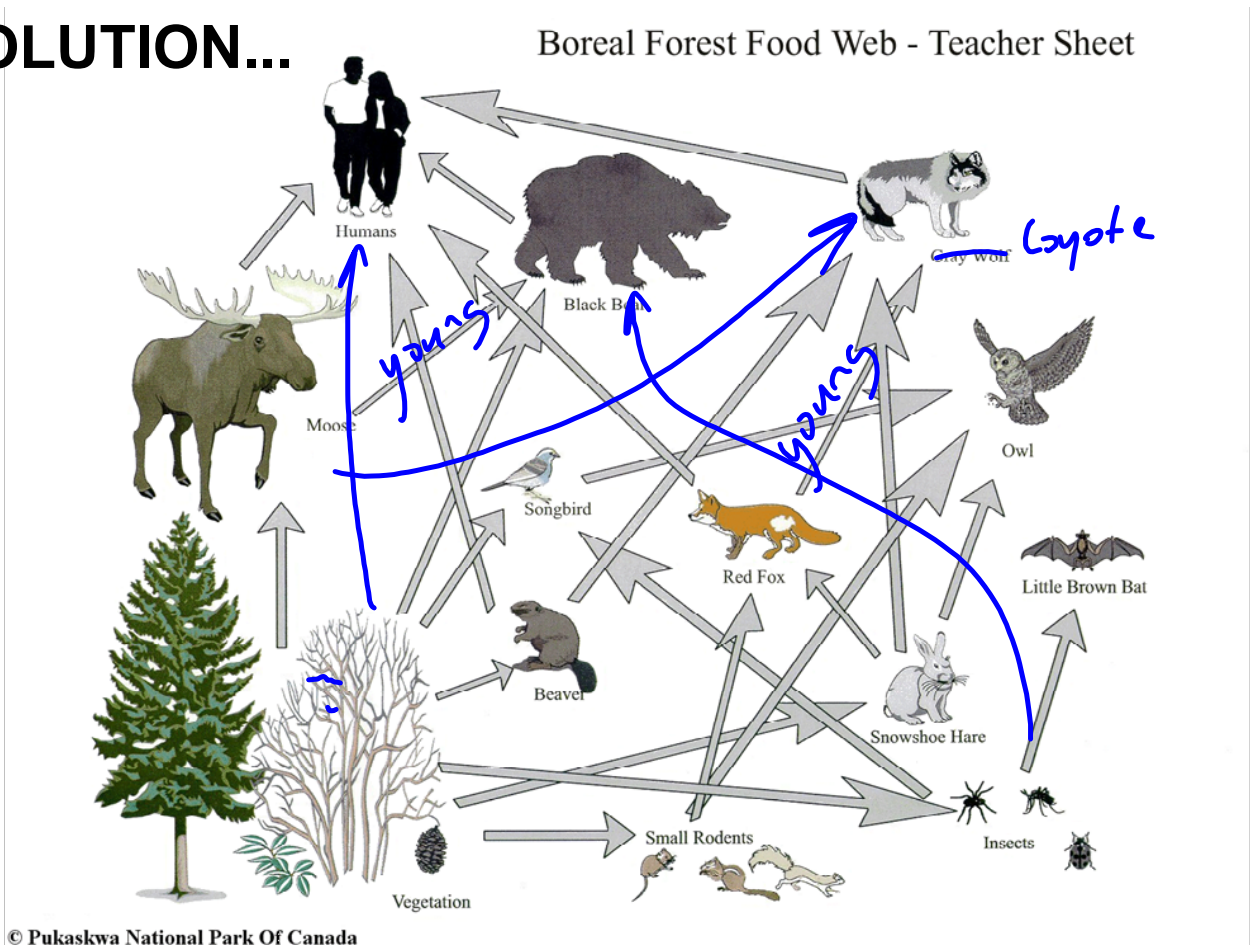
Colour and label this food web  
Connect the plants and animals to make a food web!

The image contains the following illustrations, each with a horizontal line underneath for labeling:

- Two human figures (a man and a woman).
- A large bear.
- A wolf.
- A moose.
- A small bird.
- An owl.
- A coniferous tree.
- A squirrel.
- A fox.
- A bat.
- A rabbit.
- A mouse.
- A group of insects including a spider, a fly, and a beetle.

# SOLUTION...

Boreal Forest Food Web - Teacher Sheet



- Each step in a food chain or food web is called a **trophic level** (feeding level).

Greek: *trophe* -> food or nourishment

- Producers make up the first trophic level. Consumers make up the second, third or higher trophic levels. Each consumer depend on the trophic level below it for energy.

grass → grazing antelope → coyote

algae → zooplankton → herring → squid → shark

Check out these after you complete the lab...

