

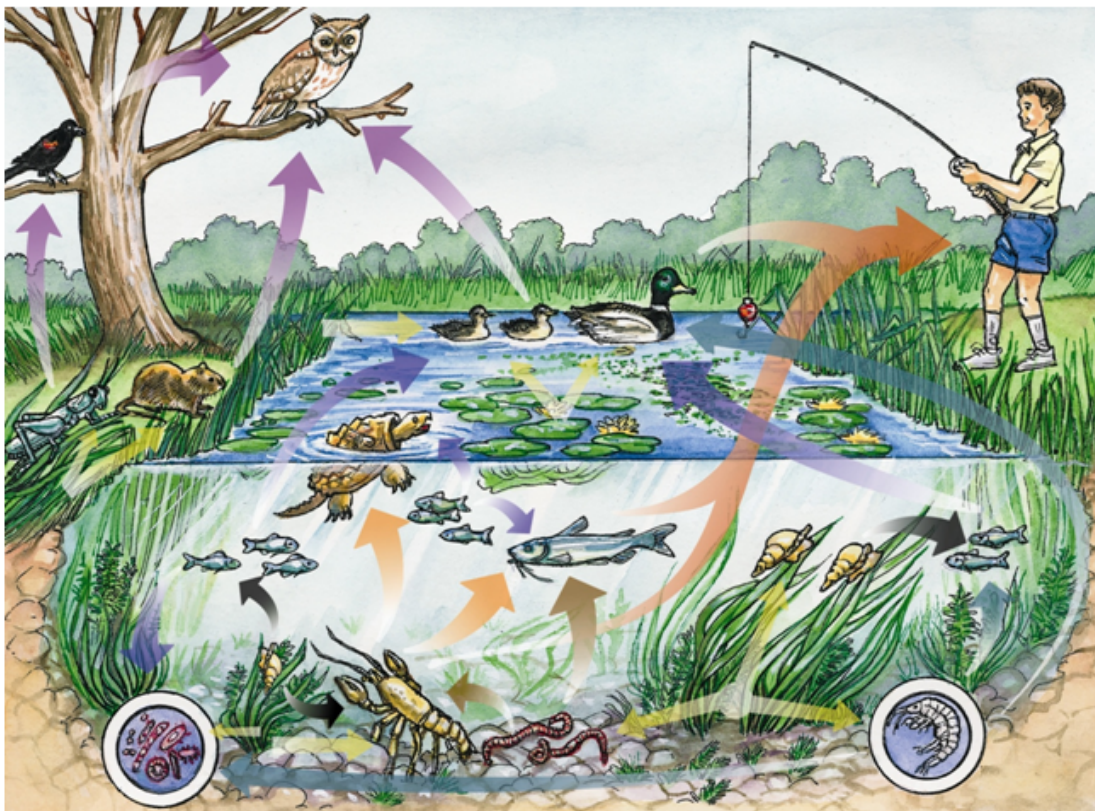
- In most ecosystems, feeding relationships are more complex than can be shown in a food chain.
- When the feeding relationships among various organisms in an ecosystem form a network of complex interactions, ecologists describe these relationships as food webs.

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...

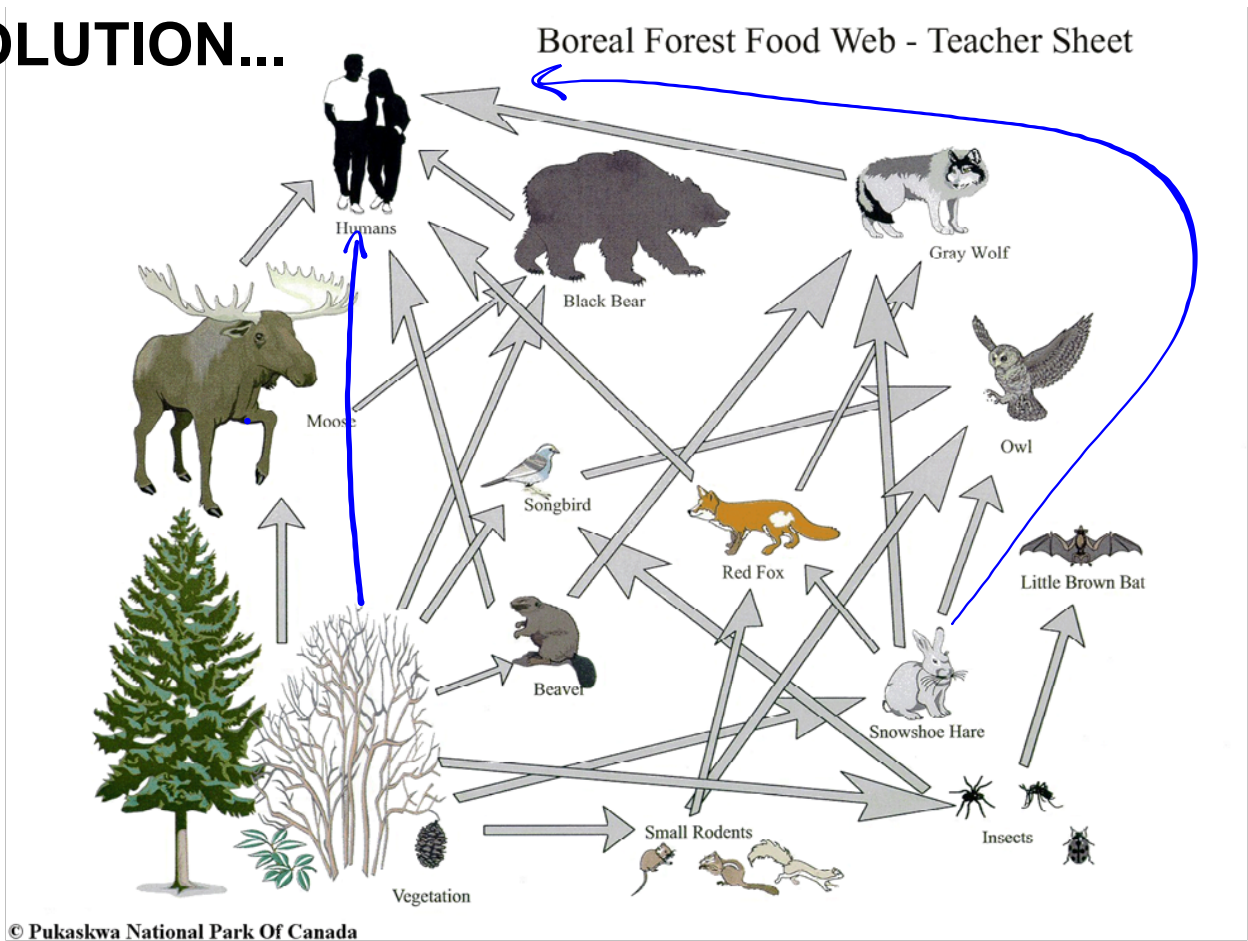
## Boreal Forest Food Web

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

A collection of line drawings of various organisms from a boreal forest, arranged in a grid-like fashion. Each drawing has a horizontal line underneath it for labeling. The organisms include:

- Two human figures (top left)
- A bear (top middle)
- A wolf (top right)
- A moose (middle left)
- A bird (middle middle)
- A fox (middle right)
- An owl (middle far right)
- A tree and some bushes (bottom left)
- A squirrel (bottom middle)
- A rabbit (bottom right)
- A mouse (bottom far left)
- A spider (bottom far right)
- A fly (bottom far right)
- A beetle (bottom far right)

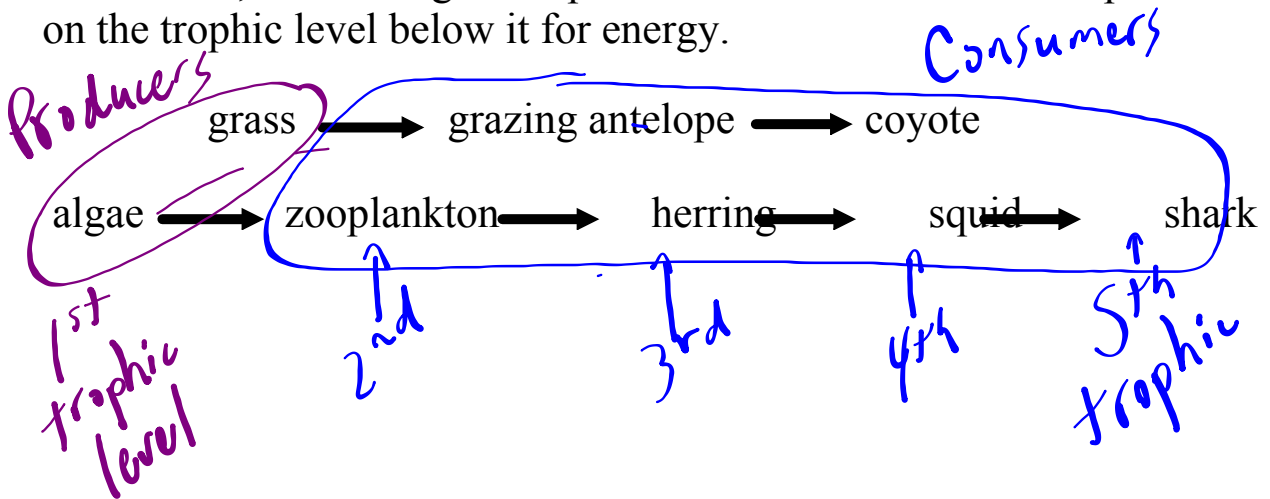
# SOLUTION...



- Each step in a food chain or food web is called **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.



**LAB: Barn Owl Pellet Dissection**  
**TOMORROW!!!**



Intro to the lab...



## **HOMEWORK...**

Deadlines for Graphic Organizer #2 and Eco-Points now Thursday, April 3...get working on both of them!!!

## Attachments

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Lab - Owl Pellet Dissection.pdf