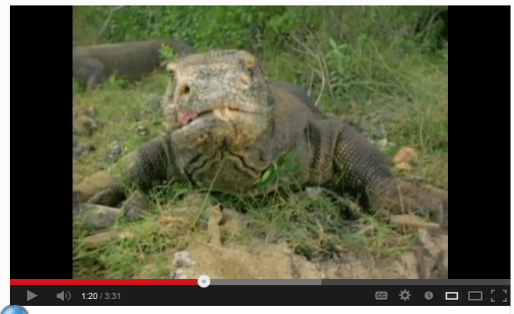
Predation

- An organism that feeds on another organism
- The organism that is fed upon is called the **prey**
- Ex. Coyote and deer
- Many species have evolved some mechanisms to avoid or defend against predators

Predation in action...



Nature's Perfect Predators - Komodo Dragon

Golden Eagle vs. Jackrabbit

Nature's Perfect Predators- Praying Mantis

Some more predation...

Viking Wilderness - Wolves and Bears Clash

http://safeshare.tv/w/RtMLeerijm

http://safeshare.tv/w/CVYeiWRLqA

http://safeshare.tv/w/DgMXOFqBTc

http://safeshare.tv/w/JgRIbNPTLP

Parasitism

- An organism that lives on another organism and feeds on the other organism is a **parasite**
- The organism that provides the nourishment is the **host**
- Ex. Ticks, fleas, tapeworms, sea-lice

Uploaded on Apr 27, 2009
A parasitic wasp has injected her eggs into a caterpillar
-- and now they're ready to hatch.

Mutualism

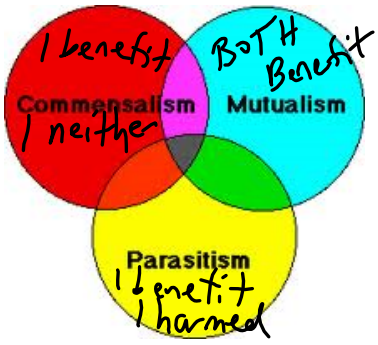
- A close relationship between two species in which each species provides a benefit to the other
- Ex. Humans and certain types of bacteria in the intestines
  - Humans are better able to digest food and bacteria have a place to live

Commensalism

- A relationship in which one species benefits and the other species is neither harmed nor helped
- Ex. Sharks and remoras
  - Sharks are unharmed and fish are able to eat what the shark doesn't

Symbiosis and Coevolution

- A relationship in which two organisms live in close association is called **symbiosis**
  - Symbiosis is often used to describe at least one species benefiting from another
  - Over time, the species may **coevolve**
  - They develop adaptations that reduce the harm or improve the benefit of the relationship



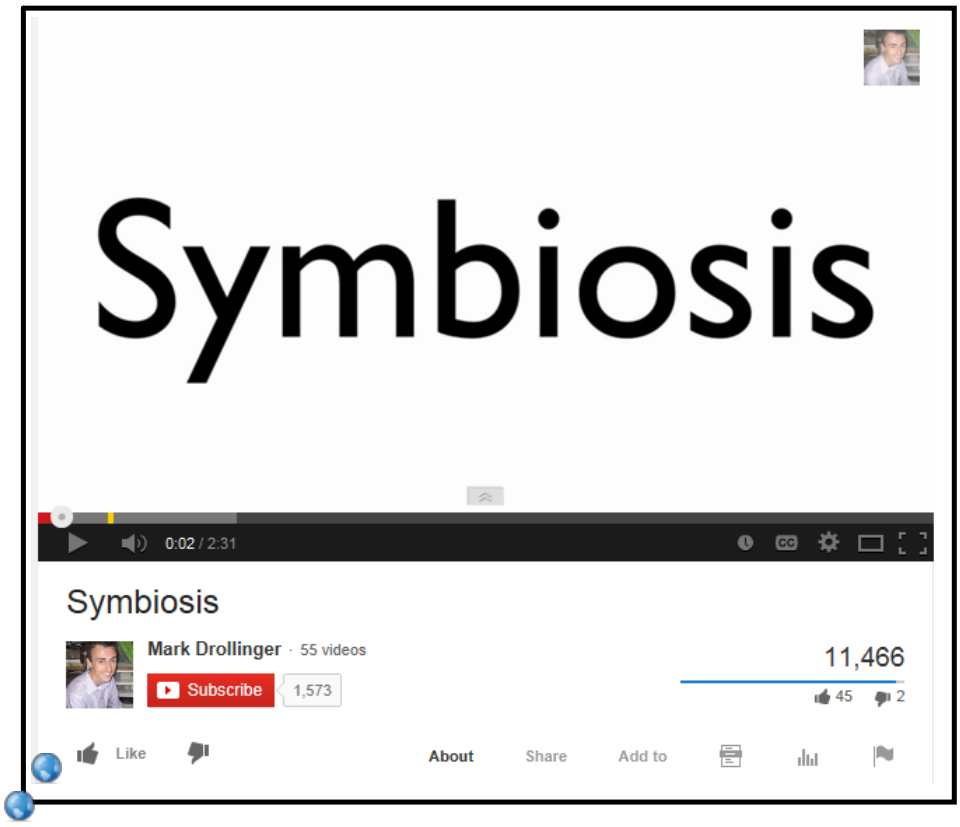
#EcoPoint Opportunity...

Find 2 video clips for each type of interaction:

- Predation
- Parasitism
- Mutualism
- Commensalism

SEND LINKS TO hallihana@nbed.nb.ca

[4 x 5 points per interaction = 20 points]


Symbiosis
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