

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



Download video as MPG or MP4

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Nature's Perfect Predators- Praying Mantis

Some more predation...

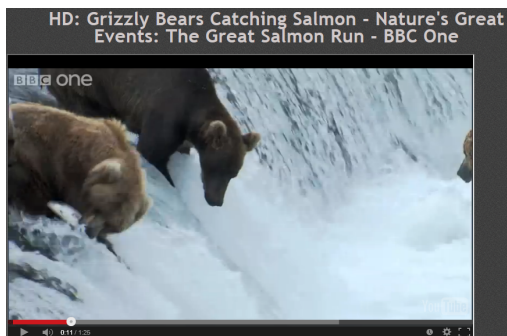


Viking Wilderness - Wolves and Bears Clash

<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



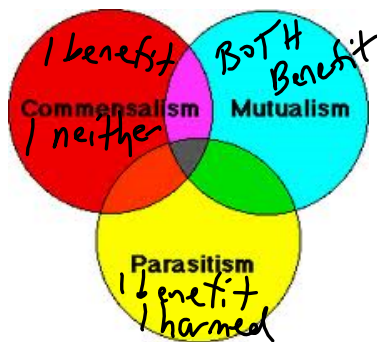
Commensalism

- 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



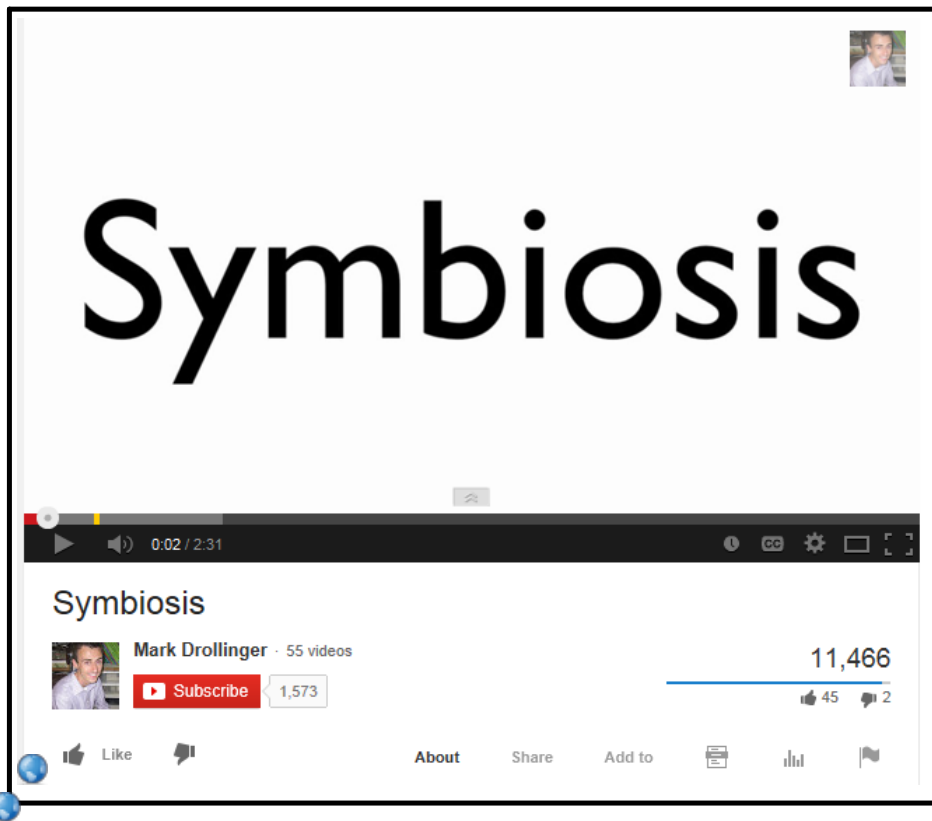
#EcoPoint Opportunity...

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]



The image shows a screenshot of a YouTube video player. The video title is "Symbiosis" and it is by the channel "Mark Drollinger", who has 55 videos. The video has 11,466 views, 45 likes, and 2 dislikes. A "Subscribe" button is visible with 1,573 subscribers. The video player interface includes a progress bar at 0:02 / 2:31, a play button, volume control, and various settings icons. The video content area displays the word "Symbiosis" in a large, bold, black font. A small profile picture of Mark Drollinger is in the top right corner of the video frame. The video player is set against a white background.

CO-EVOLUTION...



Sea Lion



Otter