

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



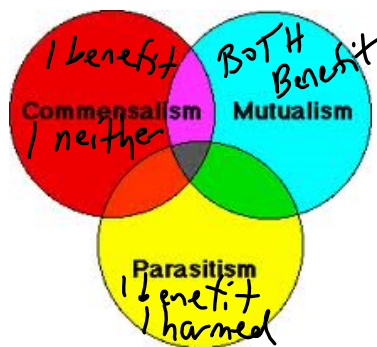
Commensalism

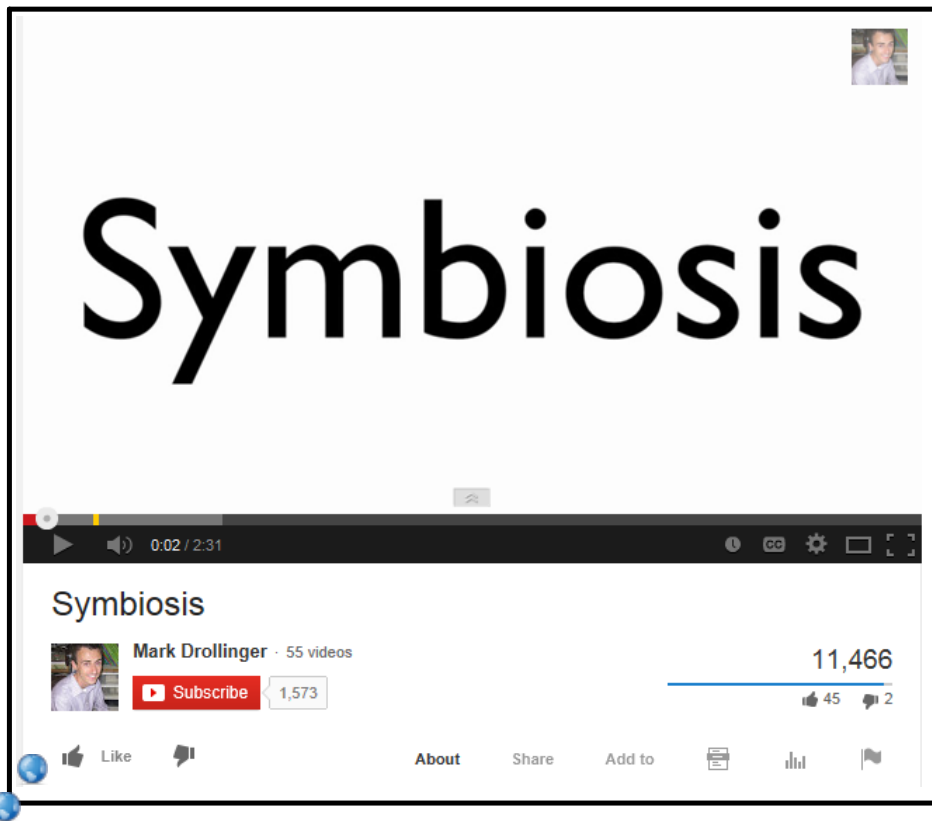
- A relationship in which one species benefits and the other species is neither harmed nor helped
- Ex. Sharks and remoras
 - Sharks are unharmed and fish are able to eat what the shark doesn't



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





A screenshot of a YouTube video player. The video title is "Symbiosis" and it is by Mark Drollinger, who has 55 videos. The video has 11,466 views, 45 likes, and 2 dislikes. The player shows a progress bar at 0:02 / 2:31. The interface includes a play button, volume control, and various settings icons. Below the video, there are buttons for "Like", "About", "Share", "Add to", and a flag icon. A "Subscribe" button is also visible with 1,573 subscribers.

CO-EVOLUTION...



Sea Lion



Otter

SUMMARY...



The image shows a YouTube video player interface. The video title is "Symbiosis: Mutualism, Commensalism, and Parasitism". The channel is "Untamed Science" with 71 videos. The video has 112,012 views, 221 likes, and 19 dislikes. The video player shows a progress bar at 0:18 / 5:15. The video content features a jungle background with a large sign that says "Untamed Science". The sign is surrounded by five circular portraits of the hosts: Jonas, Haley, Suze, Rob, and Hazen. A parrot is visible in the top left corner of the video frame.

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5,419

112,012

221 19

#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]