

LAB: Barn Owl Pellet Dissection

[Lab - Owl Pellet Dissection.pdf](#)



Check out these after you complete the lab...



Did You Know: Owls spit up pellets.



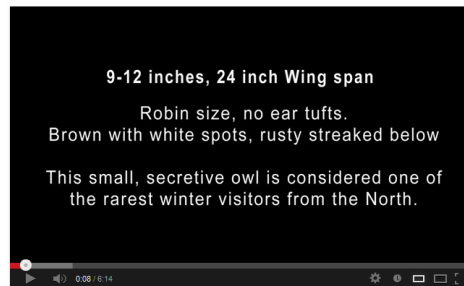
Field Guides: The Barn Owl Introduction



Field Guides: The Barn Owl What is a Barn Owl pellet



Owl Vomit



Boreal Owl - Visitor From The North



Baby owl ejects pellet



2013 02 08 - GMT -03:06:14 male barn owl regurgitates a pellet - Audubon Starr Ranch, Ca.

An Organism's Niche

- The unique role of a species within an ecosystem is a **niche**
 - An **ecosystem** is all of the organisms living in an area together with their physical environment
 - It includes their physical home, the environmental factors necessary for survival, and all interactions with other organisms
 - It is different than a **habitat** (where an organism lives)

Ways in Which Species Interact

- Interactions are categorized by how one population interacts with another
- These interactions depend on whether they harm or help one another
- Some interactions are direct, others are indirect
- This is still being studied to better understand its complexities

Competition

- A relationship in which different individuals or populations attempt to use the same limited resource
- Each individual can be harmed by the competition
- Can occur within or between species
- Ex. Fox and coyote compete for the same prey



Competition

Indirect Competition

- Some species may never come in contact with each other and still compete
- Ex. One type of insect during the day and another at night

Adaptations

- Some species reduce competition with each other by adjusting their niche
- This is called *niche restriction*

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



World's Deadliest - Grizzly Bear Attacks Prey



Nature's Perfect Predators- Praying Mantis

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.



Attachments

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