

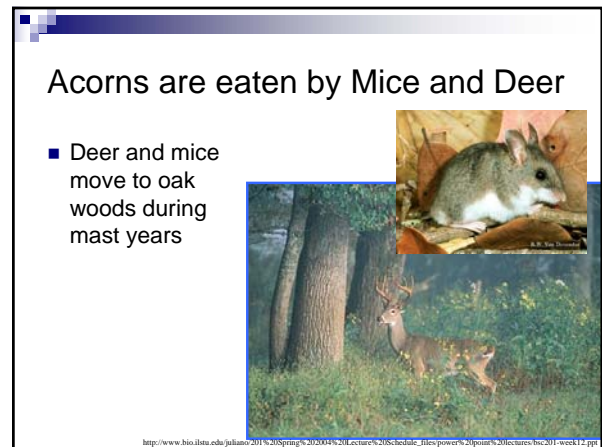
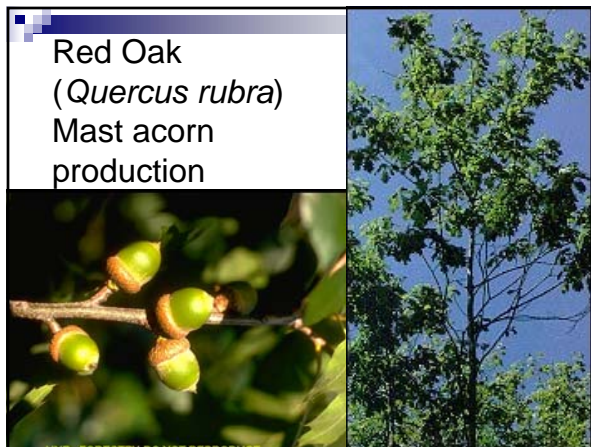
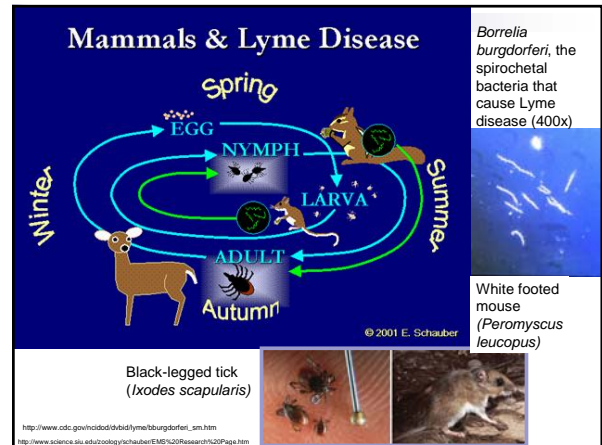
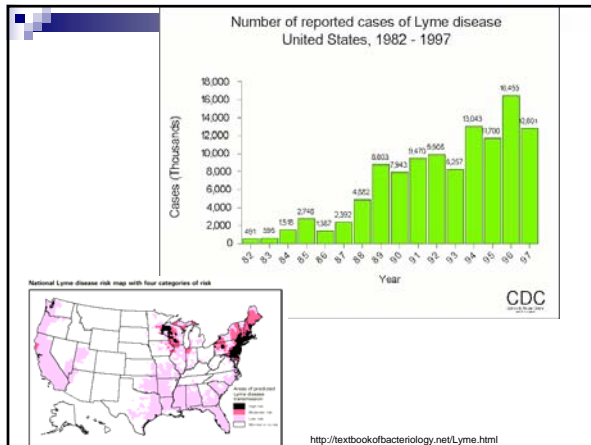
Gypsy Moth Invasion and Links to Outbreaks of Lyme Disease

A 'jigsaw' activity

Based on an activity in the NSF-funded Teaching Issues in Ecology project: <http://tee.ecoed.net/index.html>

Jigsaw

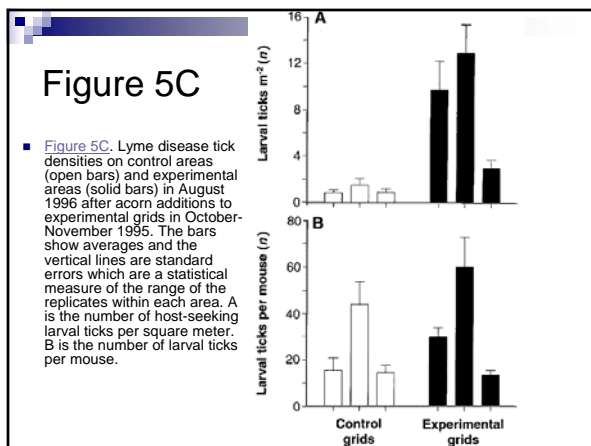
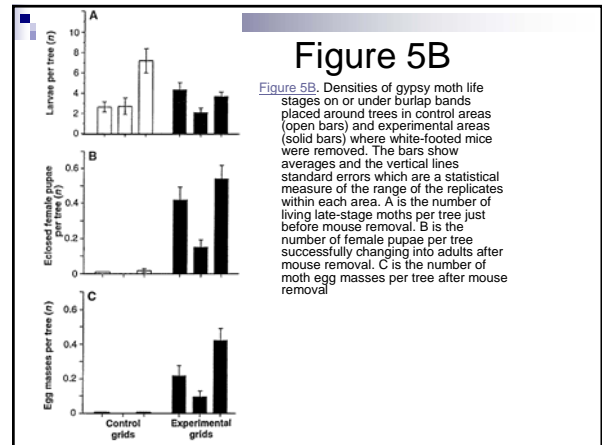
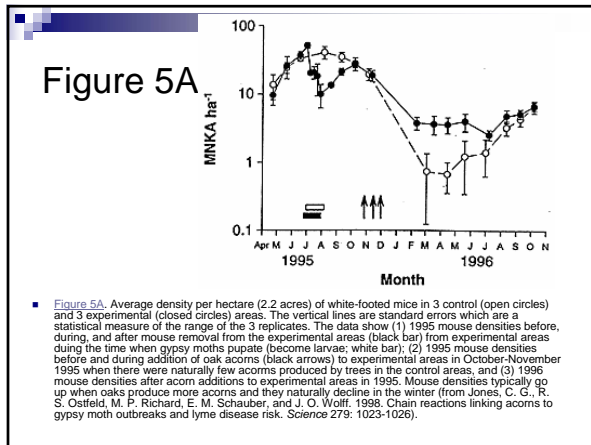
- Teams of 3-8 students
 - Work on one of 3 different data sets per group:
 - Data set A, B, or C
- Work together for 10 minutes to:
 - Understand the data well enough to explain them to other students
 - Discuss how to explain them to other students
- Afterwards, you will form new groups of three, with one representative from each team (letter; new groups will have one A, one B, one C)





Jigsaw

- Teams of 3-8 students
 - Work on one of 3 different data sets per group:
 - Data set A, B, or C
- Work together for ~10 minutes to:
 - Understand the data well enough to explain them to other students
 - Discuss how to explain them to other students
- Afterwards you will form new groups of three, with one representative from each team (letter; new groups will have one A, one B, one C)



Jigsaw part 2

- Assemble new groups, each with 1-2 members from each of the 3 data teams (A, B, C)
- Work together for 10-15 minutes to understand all 3 datasets, and develop a cohesive story
- In-Class Assignment (12 points) to turn in:
 - A) List all members of your group
 - B) Clearly draw or sketch the web of interactions in this situation
 - Label each component (e.g., mice)
 - Between components write a phrase or sentence that explains how they affect or interact with each other
 - C) (optional) List the next question or two you would address if you were studying this situation.