Do Herbivores Prefer Local or Exotic Foods?
Testing the Enemy Release Hypothesis
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1. Definitions:
   • Invasive species:
   • Exotic species:
   • Native species:
   • Herbivory:
   • Enemy release:
   • Biocontrol:

2. What makes a good invader?

<table>
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<tr>
<th>Good Invader</th>
<th>Bad Invader</th>
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<tr>
<th>Easily Invaded Habitat</th>
<th>Hard to Invade Habitat</th>
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3. Based on your knowledge of the Enemy Release Hypothesis, make some predictions about what we will observe in the field:
   - Prediction about damage:
   - Prediction about herbivore diversity:
   - Prediction about tree diameter:

4. Graph results for your group and the class (label axes!)

![Graphs showing Q. alba, Q. robur, and Q. rubra](image-url)
5. Based on our results, which species do you predict is the exotic, and which are the native species? Did our results support your predictions?

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6. Thinking as a land manager…

• Based on the results from this study, would you recommend that people be allowed to plant the exotic oak species in their yards?

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• What do you think would happen to the population of the exotic and native oaks over time?

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• What would happen to the population of herbivores over time?

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Quercus alba  Quercus robur  Quercus rubra