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**Part 1: Dioramas (7 dioramas-10 pts each + 10 pts discussion = 80 pts)**

* Take a picture of each diorama
* Arrange the dioramas in chronological order with a brief description of each. You need to include (each diorama should be on a separate page)
  + What is happening in each diorama
  + What the dominant form of life is in each
  + How the landscape has changed
  + What the timber was being used for or how the land was being used
  + To what extent was the land use sustainable
* Discussion: Give a general synopsis of how the land has changed over the years, the type of succession going on, and to what extent the forest returned to its natural, undisturbed state.
* For additional information, <http://harvardforest.fas.harvard.edu/dioramas>, gives a picture of each diorama with a brief description of each.

**Part 2: Harvard Forest Ecosystem Walk (60 pts/ 20pts per section)**

* Discuss one of the studies going on. What is the problem and how is the information and data being obtained?
* Identify at least 10 organisms and explain their importance to the ecosystem, and their importance to each other, if a relationship exists. Create a food web, if possible.
* Woolly Adelgid
  + What is it?
  + What is it affecting and how?
  + How it got to New England
  + Steps, if any, being taken to eradicate it and why that method is being chosen.

**Part 3: Overall Field Trip Experience (10 pts)**

* What did you like most about the field trip? Least?
* What did you find most interesting?
* Are there any lingering questions that you didn’t ask or thought of after the fact that you wish you had an answer to?

**Due: (150 pts total)**