

Bio 112 Handout for Ecology 7

This handout contains:

- Today's iClicker Questions

iClicker Question #35A - before lecture

Which of the following are examples of biomass?

- A. The mass of organic material in a tree.
- B. The mass of organic material in the soil.
- C. The mass of organic material in you.
- D. More than one of the above.
- E. None of the above

iClicker Question #35B - after lecture

An elephant loses roughly 54% of food intake as feces and 45% through respiration, leaving 1% for growth. If the elephant were cold-blooded rather than warm-blooded, it would be more efficient at converting food to more growth. In this case, which of the following changes would be correct (assuming that they consume the same amount of food as the warm-blooded version):

- A. The respiration of the cold-blooded elephant would be higher than the respiration of the warm-blooded elephant.
- B. The respiration of the cold-blooded elephant would be lower than the respiration of the warm-blooded elephant.
- C. The feces of the cold-blooded elephant would be higher than the respiration of the warm-blooded elephant.
- D. The feces of the cold-blooded elephant would be lower than the respiration of the warm-blooded elephant.
- E. I don't know

Figure out your answer and select the appropriate number (1-5) then beam in your answer.

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