

AP Biology 046 – Communities Video Review Sheet

www.bozemanscience.com/046-communities

1. What does BBECPO stand for?
2. What is community structure built on? (2x)
3. What is the key term for community interactions?
4. Growth: all populations start with what type of growth?
5. What is a community made of?
6. What is symbiosis and what are the three types?
7. Explain the Leaf-Cutter ant symbiotic relationship with the fungus
8. Concerning population growth: what are the two limiting factors and examples for each?
9. What is the carrying capacity?
10. Draw a simple age-structure diagram:
11. What happens when most of the population is very young?
12. How is the United State's age-structure diagram different from Angola's?

Name: _____

Date: 4-4-16

Mr Hood AP Bio

[II—Notes]

AP Biology 047 – Ecosystems Video Review Sheet

www.bozemanscience.com/047-ecosystems

1. What is an ecosystem?
2. What is primary productivity?
3. Name and describe the two impacts on an ecosystem.
4. Humans often times make changes that are quick and can lead to:
5. What are producers?
6. What do we measure primary productivity in? (units)
7. How is carbon added?
8. How is primary productivity measured in an aquatic environment?
9. What do food chains measure?
10. What is a trophic level? And what is Level 1? 2? 3? 4?
11. Define consumer:
12. Which way do the arrows go in a food chain?...and how can you remember?
13. What does a food web show?
14. Each organism has an _____ to live where they are.
15. Initially, all growth is:
16. As you grow, there start to be _____ factors. Name the two.
17. All growth, eventually become _____
18. What is "K"?
19. Describe what happened in Yellowstone Park with the introduction of the wolves? (Just the wolf population)
20. How does the wolf population relate to the elk population?
21. Example of man's impact on an ecosystem:
 - a. Whitebark Pine produces:
 - b. _____ feed on them. The nuts are stored in _____
 - c. Grizzly bears _____ the abandoned middens.
 - d. Global climate change is impacting the number of Whitebark Pine populations which will eventually impact...DRAW A FLOWCHART (simple diagrams) showing the impact: