**Science 10** **Biology Unit Ch 3 Ecosystems Change Over Time NAME**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mr. Bellman** wkst 1 (15 ) **Date**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Bk**\_\_\_\_\_

From page 106

1. What is the yellow dragon and what is causing it?

2. Read the beige section on p 108. It is a summary of this section.

3. Define natural selection.

4. Define adaptive radiation.

5. What was the example of adaptive radiation on the Galapagos Islands?

6. Define ecological succession.

7. Define primary succession.

8. Briefly describe the process of primary succession.

9. Define pioneer species.

10. Define climax community.

11. Define secondary succession.

12. Briefly describe the process of secondary succession.

13. What are some natural events that affect ecosystems and give one effect on the ecosystem that it can cause.

14. Read the science watch on page 120 and answer the three questions.

15. Read the beige section on page 122. It is a summary of this section.

16. Why are wetlands sometimes called the kidneys of the earth?

17. What is sustainability?

18. What is land use?

19. What is resource use?

20. Define habitat loss.

21. Give an example of a land use effect and a sustainable approach to it. See page 127.

22. Define deforestation.

23. What affect does deforestation have on ecosystems?

24. Define soil degradation.

25. How does soil degradation affect an ecosystem?