

# AP Biology Supplemental – Stickleback Evolution Video Review Sheet

[www.bozemanscience.com/stickleback-evolution](http://www.bozemanscience.com/stickleback-evolution)

1. Where are the sticklebacks that he refers to found?
2. Microevolution is defined as:
3. Macroevolution is defined as:
4. Many scientists would say there is no \_\_\_\_\_ between the two. It is organisms \_\_\_\_\_ to their local environment.
5. When does the story start?
6. What happened to the lake in 1982 and why did it happen?
7. What are anadromous sticklebacks?
8. What were the physical differences between the marine sticklebacks and the stickleback population of the past?
9. What do Dragonfly larvae like to do?
10. Why were the marine sticklebacks at a disadvantage?
11. What eventually ended up happening?
12. What “type” of selection is indicated by the data of the lateral plate numbers?
13. There was change from the fully armored slow growing fish to....

14. How long did it take to observe a complete change in the phenotype?
15. When you read a phylogenetic tree:
  - a. From left to right is:
  - b. Wherever there is a branch point:
16. The scientists were looking for reproductive isolation by doing what?
17. It is hypothesized that the females were choosing mates based on looks – (not from the video, but from our class discussions) –Which hypothesis would this support about female choice?