**Quiz #4**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section:\_\_\_\_\_\_\_\_\_\_\_\_

1. Many aquatic animals possess the ability to produce/sense electricity. Electric fishes have modified muscle cells known as electrocytes that can discharge \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ into the surrounding water (1 point).
2. There are two types of signals that can be produced by different clades of electric fish. Name ONE of them (1 point).
3. Many terrestrial and aquatic organisms are capable of producing acoustic signals to be heard by both heterospecifics and conspecifics. What is the purpose of these acoustic signals (1 point)?
4. Your lab manual lists three potential uses of male crickets’ calls. Name TWO of them (1 point):
5. List as many species of animals as you can whose electric or acoustic communication files we will be using this week or for the acoustics quiz two weeks from now (0.25 points each, bonus points are possible).