**Unit 7 Review Stations**

Station 1: Evidence for Natural Selection

Academic Biology-Natural Selection and Evidence of Evolution Worksheet (1-23)

Honors Biology-Evolution by Natural Selection Data set

Station 2: Macromolecules and Natural Selection

Turn your textbook to page 429 and do the 16.2 minilab. You should create a data table, do the counts and calculations, then answer the 2 analysis questions

Station 3: Animal Behavior

1. Watch BOTH of the following videos then answer the questions.

<https://www.youtube.com/watch?v=LU_KD1enR3Q>

<https://www.youtube.com/watch?v=aUCoLeI5Qxg>

A1. What animal is being studied in these videos?

A2. Describe the behavior being studied in detail. What is the goal of the behavior?

A3. Would you classify this behavior as **territoriality, communication or mating** ?

Explain your answer.

A4. Classify the behavior as **learned or innate** ?

A5. How does this behavior benefit the organism/ How does it lead to their survival?

B. Visit the PBS website on Mating Trickery:

<http://www.pbs.org/wgbh/nova/nature/mating-trickery.html>

**“Launch the Interactive**” if you are on a desktop or laptop. View each picture and read the description of the animal mating behaviors.

OR

Click **“Printable Version”** if you are using your phone or tablet. View each picture and read the description of the animal mating behaviors.

OR

Use the **hard copy** of the printable version in the station folder. View each picture and read the description of the animal mating behaviors.

B1. Define courtship. Explain in your own words why courtship behaviors are necessary

for the survival of a species.

B2. Describe the mating behaviors for each of the following animal species:

Green Frog

Bluegill Sunfish

B3. As you read through the different ways that animals win their mates, **select ONE** **additional animal species to highlight.**  Explain their mating behaviors. Are the males or females responsible for selection? Is this behavior to win a mate or thwart a rival?

Station 4: Plant Tropism

Read Section 23.3 Plant Responses in the Whale Textbook (pg. 622-625). **Make notes on new/interesting information.**

Complete the **Problem Solving Lab 23.3** on page 624. Make sure to explain your answers.

Station 5: Throwback  
Complete the Genetics Vocabulary Puzzle at this station.