

AP Biology
Chapter 51 Guided Reading

Name _____

1. How do behavioral ecologists define behavior?
2. What is the focus of:
 - a. Proximate questions of behavior?
 - b. Ultimate questions of behavior?
3. Define the following terms:
 - a. Ethology
 - b. Fixed action pattern
 - c. Sign stimulus
 - d. Imprinting
 - e. Sensitive period
 - f. Innate behavior
4. Compare and contrast and give specific examples of kinesis and taxis.
5. What is the relationship between migration and genetic control?
6. How are the terms signal and communication related?
7. Describe and give three different examples of animal signals and communication.
8. What evidence is there that mating and parental behavior can be under genetic influence?