Learning Objectives for Evolution and Behavior Ch 9

1. Understand that behaviors can be selected for by natural selection just like other traits as long as the conditions for natural selection are satisfied.
2. Be able to differentiate between innate and learned behaviors.
3. Be able to explain why some behaviors are easier to lean than other behaviors.
4. Understand how evolutionary shortcuts work and why they evolve.
5. Understand altruistic behaviors and why they have evolved; specifically kin selection and reciprocal altruism. Be able to give examples of each.
6. Understand that the difference in reproductive investment by males and females can lead to sexual conflict. Be able to explain why this conflict takes place.
7. Know the reason that males compete for females and be able to give examples of a variety of the tactics they use.
8. Understand the concept of paternity uncertainty and tactics used by males to reduce this.
9. Understand the difference between polygamy and monogamy and how you can use size difference between males and females as an indicator of a population's mating system.

What you do NOT need to know:
    Sections 9.8, 9.9, 9.17 and 9.18

Recommend Review and Rehearse Questions
    Check Your Knowledge: 1-16
    Short Answer: 1-3, 5-7

Terms to Know from Chapter 9

Innate behavior	Instinct	Mate guarding	Monogamy
Polygamy	Paternity uncertainty	Prepared learning	Reciprocal altruism
Monomorphism	Dimorphism	Mate selection	