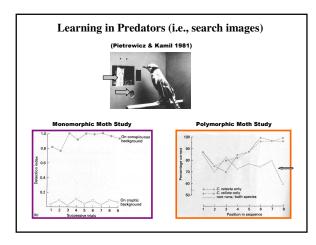
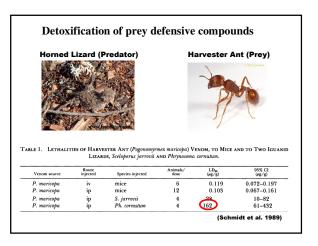
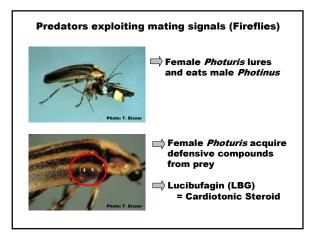
Predators vs. Prey and Parasites vs. Hosts: A Perpetual Arms Race

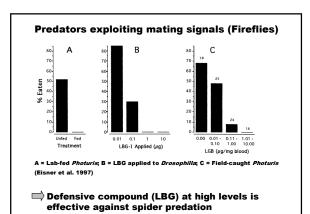
Mechanisms Used by Predators

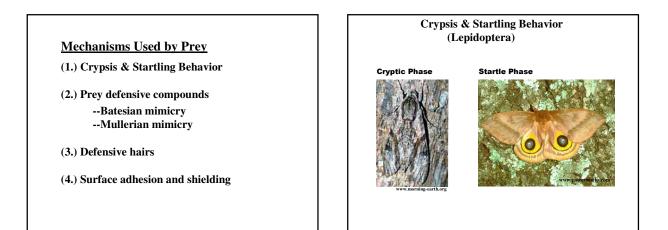
- (1.) Learning (i.e., search images)
- (2.) Detoxification of prey defensive compounds
- (3.) Exploitation of prey mating signals

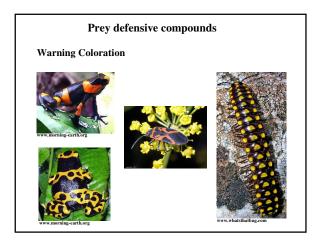


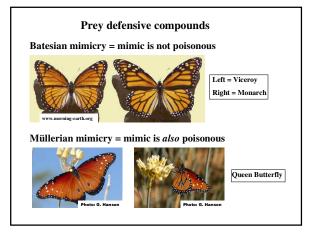


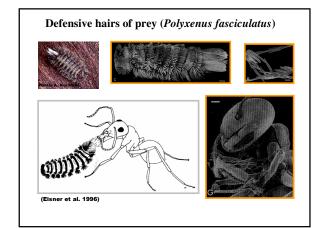


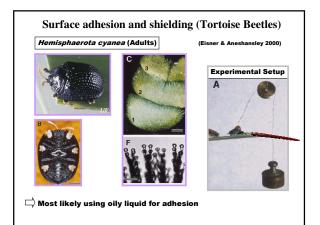


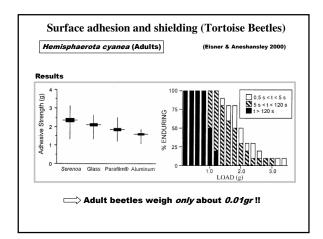


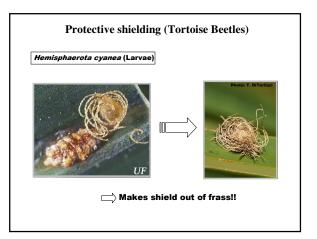


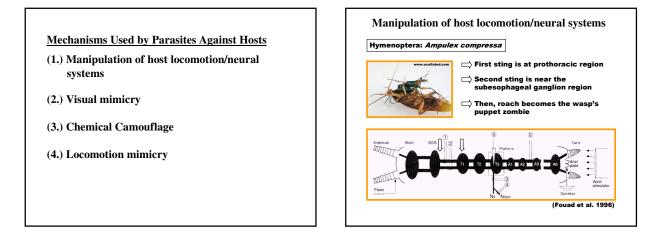


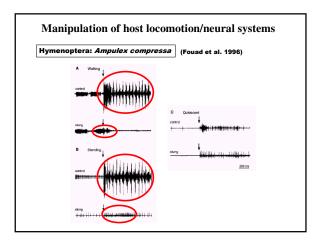


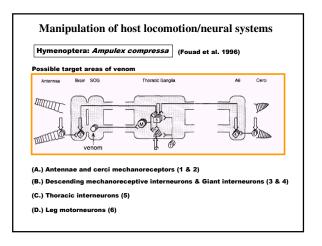


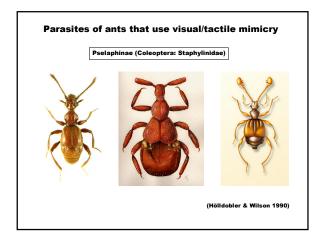


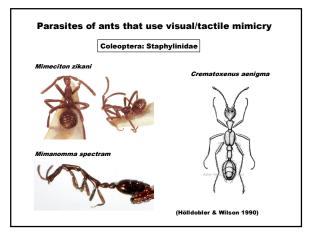


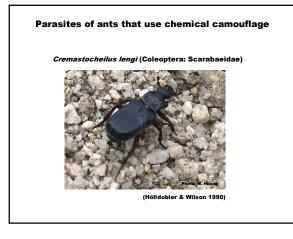














Discussion Questions:

- (1.) Did parasitism evolve from predation or vice versa? Or did they evolve independently?
- (2.) Is co-evolution more difficult in parasite-host systems versus predator-prey systems? Why or why not?
- (3.) Did mutualistic endosymbiotic systems evolve from detrimental parasitic systems? If so, what are the possible processes involved in the transition?