

Insect Sociality



Objectives:

1. To learn about insect sociality behavior through studying *Apis mellifera*.
2. To explore honeybee biology by visiting UF's apiary.
3. To discover the guidelines and different types of insect sociality.

Insect Sociality

1. Define the types of insect sociality and give an example of an order of insect that displays that sociality.

a.) solitary –

b.) subsocial –

c.) parasocial –

d.) eusocial –

2.) What are the 3 criteria for an insect to be considered eusocial?

Honey Bee Facts

1.) What is the queen's function? What is a spermatheca and what is its function?

2.) Are honey bees ametabolous, hemimetabolous, or holometabolous? Describe the life cycle of a honey bee and what it eats during each stage.

3.) What is the function of a swarm and what triggers a swarming event?

UF Apiary Field Trip Video



- 1.) What is the purpose of the smoke that is sprayed by the colony's entrance?
- 2.) List the things that can be stored in a cell.
- 3.) Do drones sting? Why do bees sting? What should you do if you get stung?
- 4.) How does the beekeeper recognize the queen? Where does he hold her?
- 5.) How does the apiary raise new queens?
- 6.) Do worker bees always have the same job duty?

Notes:

