

## **Discussion Questions**

- 1. Sociality in invertebrates can be characterized by multiple different behavioral traits. For each of the following behavioral traits, define what they are. Which traits are characteristic of eusocial behavior?
  - a. Reproductive Division of Labor -
  - b. Aggregation –
  - c. Communal –
  - d. Cooperative -
  - e. Division of Labor –
  - f. Overlapping Generations –
- 2. List three evolutionary advantages of social behavior. How might social behavior be disadvantageous?

3. Define haplodiploidy, and propose why sterile workers in a eusocial colony might be more interested in in taking care of the larvae of the queen(s) than their own.

4. Name one arthropod mentioned in the video today that you hadn't known demonstrates some level of social behavior, and describe it.