

## 645 Insect Adventures 2

### Interview Questions

Use two or three of these or similar standard questions as *part* of the interview judging process.

1. What are the three life stages of insects who go through incomplete metamorphosis?  
*Egg, nymph, and adult (page 10)*
2. What is an exoskeleton?  
*A kind of skeleton on the outside of an insect's body. (page 42)*
3. In what ways do insects create and maintain good soil health?  
*Decomposers break down dead plant material into the smaller material and nutrients that make up soil, eat fungus that can harm crops, and insects that nest or burrow into the soil help create pockets of air in the ground. (page 19)*
4. Insects are from what phylum?  
*Arthropods (page 12)*
5. What do insects use plants for?  
*Food or shelter.*
6. Complete metamorphosis includes what life stages?  
*Egg, larva, pupa, and adult (page 11)*
7. What is metamorphosis?  
*The change in form from eggs through to adults in insects. Body changes and grows (page 10)*
8. Name an common invasive species in Ohio.  
*Answers will vary, but they can include Asian Lady Bug. (page 33)*
9. What types of webs do spiders create?  
*Funnel webs, orb webs, sheet webs, and tangle or cobwebs (page 20-21)*
10. Insects have three types of relationships with other animals, name one.  
*Mutualism, Parasitism (Predation), or commensalism. (page 22)*
11. How many miles away can a male silkworm moth smell a female moth pheromone?  
*7 miles. (page 28)*
12. What is molting?  
*An insect must periodically shed the old exoskeleton, expand in size, and then grow a slightly larger exoskeleton. (page 10)*
13. How many specimens do you have in your insect collection?  
*Answers will vary, allow them to share their collection.*

