Branching Diagram-- Relationships of Insects

Flies, butterflies, moths

Bees, wasps, ants

Insects
Class: Insecta

Use the diagram above to answer these questions:

1. Which orders of insects have wings? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Explain how you can tell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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2. Which orders of insects are able to fold their wings?

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3. How can you tell that bees, wasps, and ants are more closely related to beetles than to dragonflies? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Larval stage

Wing
Folding

Beetles

True
Bugs

Wings

Earwigs,
Termites

Dragonflies

Silverfish