



OREGON STATE UNIVERSITY  
EXTENSION SERVICE

## Master Gardener™ Program

NAME: \_\_\_\_\_

### BASIC ENTOMOLOGY

### CHAPTER 14

Reference: (1) MG Sustainable Gardening Handbook, Chapter 14

1. The total percentage of insect species identified as pests affecting humans, their animals, crops, structures or fiber are less than:
  - a. 1%
  - b. 5%
  - c. 10%
  - d. 20%

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2. Insects can be distinguished from their relatives (spiders, mites, ticks, centipedes, and millipedes) by the number of legs. Adult insects have:
  - a. one pair of legs for each body segment
  - b. two pairs of legs for each body segment
  - c. three pairs of legs located on the thorax
  - d. four pairs of legs on the thorax

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3. An insect that goes through complete metamorphosis goes through:
  - a. egg, nymphal and adult stages
  - b. egg and adult stages
  - c. egg, larval, pupal and adult stages
  - d. egg, larval, nymphal and adult stages

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4. As a master Gardener, you should only make pest control recommendations:  
**(Circle two)**
- a. if you are able to determine the damage was done by an insect
  - b. based on a complete verbal description of the pest over the telephone
  - c. after seeing the pest and confirming it to be a damaging insect by identification
  - d. if the pest has sucking or chewing mouthparts

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5. Chewing mouthparts are **not** found in:
- a. beetles and weevils
  - b. earwigs
  - c. silverfish
  - d. adult flies and mosquitoes

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6. The order LEPIDOPTERA includes:
- a. earwigs
  - b. moths and butterflies
  - c. aphids, scales, and leafhoppers
  - d. beetles and weevils

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