

Principles of Vertebrate Pest Control
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University of California Master Gardener Lecture 3/23/01 El Dorado County

Part 1, 60 minutes

Part 2, 60 minutes

- I. What makes a pest?
 - a. Habitat Requirements
 - i. Food
 - ii. Cover
 - iii. Water
 - iv. Special Requirements
 - b. Habitat Capacity
- II. Identification of the Animal Pest\
- III. Understanding Damage Potential
- IV. Understanding the Pest Species
- V. When Should Vertebrates be Controlled?
- VI. Methods of Control
 - a. Habitat Modification
 - i. Impact on other animals
 - ii. Impact on the environment
 - iii. Impact on the damage situation
 - b. Population Reduction
 - c. Behavior Modification
 - i. Scaring
 - ii. Trap crops
 - iii. Repellants
 - d. Exclusion
 - e. Pesticides for Vertebrate Pests
 - i. Acute toxicants
 - ii. Multiple feeding toxicants
 - iii. Fumigants
 - iv. Repellants
 - f. Feeding Behavior
 - i. Preferences
 - ii. Neophobia
 - iii. Bait shyness
 - g. Trapping
 - i. Live trap vs. kill trap
 - ii. Disposal
 - iii. Public perception
 - h. Other Lethal Methods
 - i. Predators
 - ii. Disease
- VII. Good Vertebrate Pest Control
- VIII. Ground Squirrels and Pocket Gophers
- IX. Deer
- X. Moles
- XI. Rabbits
- XII. Birds