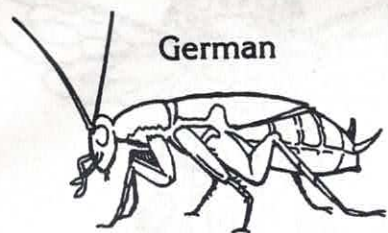
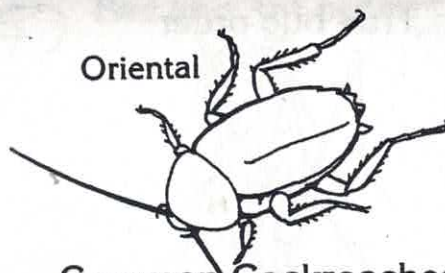


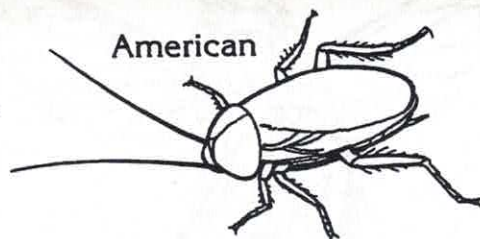
Facts About Orthoptera



German



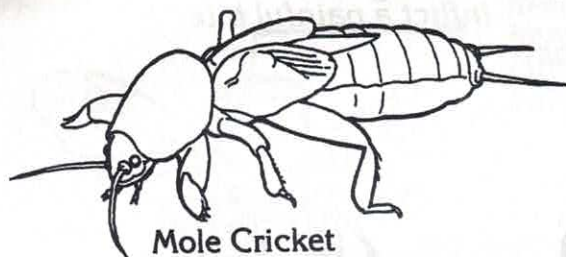
Oriental



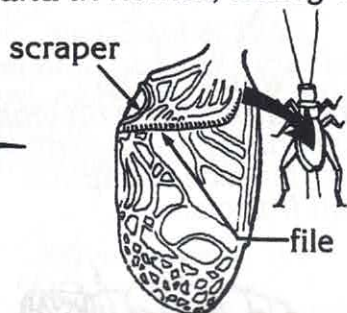
American

Common Cockroaches

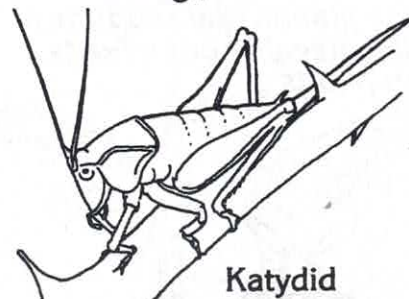
household pests often found in homes, eating and contaminating food



Mole Cricket
front legs adapted for digging

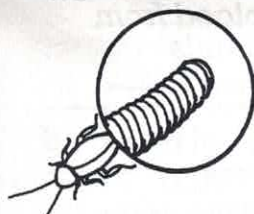


Crickets chirp by rubbing scraper of one wing along file of other wing.

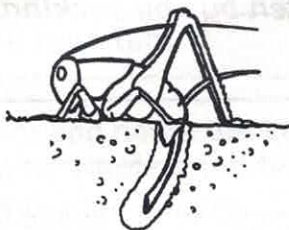


Katydid
protective green coloring

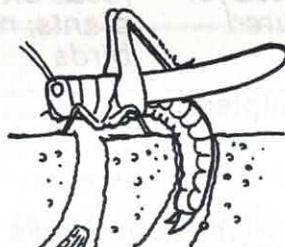
Eggs of Orthoptera



Roach egg case (magnified)



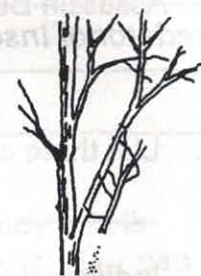
Cricket laying eggs in ground



Grasshopper laying eggs



Mantid egg case



Walking Stick eggs dropping to ground

1. How do adult Orthoptera differ from nymphs? _____
2. Describe the way crickets produce musical sounds. _____

3. Which Orthoptera lay their eggs directly below the ground? _____

4. Which of these insects glue their egg cases onto twigs? _____
5. What are the special adaptations of these insects?
 - a. mole cricket _____
 - b. katydid _____
6. Give several reasons why cockroaches are pests. _____
