



# Insect Study

## Merit Badge Workbook

This workbook can help you but you still need to read the merit badge pamphlet (book). No one can add or subtract from the Boy Scout Requirements #33215. Merit Badge Workbooks and much more are below: [Online Resources](#).

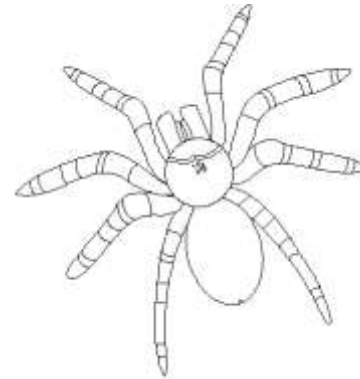
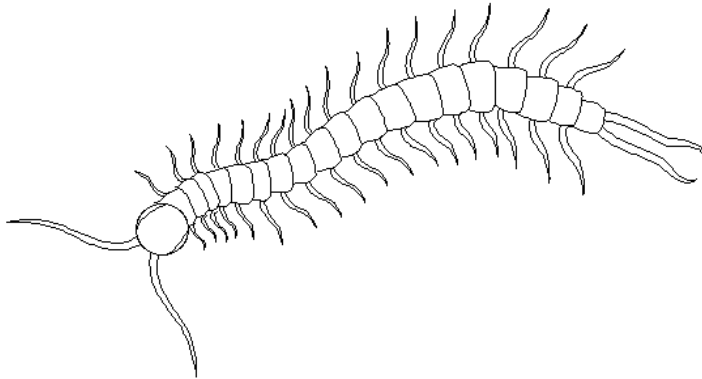
Send comments to: [craig@craiglincoln.com](mailto:craig@craiglincoln.com). Requirements revised: 2002, Workbook updated: February 2008.

Scout's Name: \_\_\_\_\_ Unit: \_\_\_\_\_

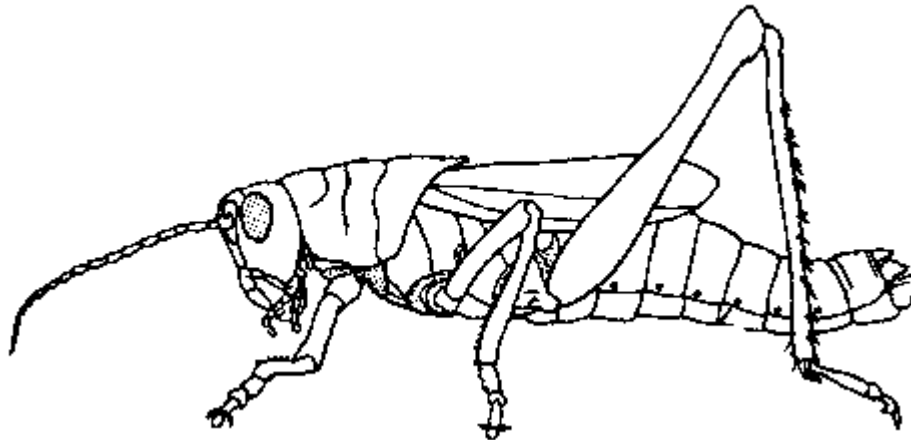
Counselor's Name: \_\_\_\_\_ Counselor's Ph #: \_\_\_\_\_

1. Tell how insects are different from all other animals. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Show how insects are different from centipedes and spiders.



2. *Point out* and name the main parts of an insect.





9. Observe an ant colony or a beehive. Tell that you saw. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. From your collection, *identify*:

a. Four species of insects helpful to humans.

\_\_\_\_\_  
\_\_\_\_\_

b. Six species of insects harmful to humans.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Describe some general methods of insect control. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. Tell how insects fit in the food chains of other insects, fish, birds, and mammals. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\*Some insects are endangered species and are protected by federal or state law. Every species is found only in its own special type of habitat. Be sure to check natural resources authorities in advance to be sure that you will not be collecting any species that is known to be protected or endangered, or in any habitat where collecting is prohibited.

**Online Resources** (Use any Internet resource with caution and only with your parent's or guardian's permission.)

- Merit Badge Workbooks: [usscouts.org](http://usscouts.org) -or- [meritbadge.org](http://meritbadge.org)      ► Merit Badge Books: [www.scoutstuff.org](http://www.scoutstuff.org)
- Boy Scouts of America: <http://www.scouting.org/>    ► [Requirements](#)    ► [Intro to Merit Badges](#)    ► [Guide to Safe Scouting](#)
- American Beekeeping Federation: <http://www.abfnet.org>
- American Entomological Society: <http://www.acnatsci.org/aes>
- Entomological Society of America: <http://www.entsoc.org>
- Monarch Watch: <http://www.monarchwatch.org>
- BioQuip Products: <http://www.bioquip.com>