



# Royal Rangers

Merit Requirements: **Red-Bordered Merit**

## **INSECT STUDY**

1. Do the following:
  - a. Describe the typical features of insects.
  - b. Explain how spiders and centipedes are different from insects.
  - c. Give information about the populations of the various groups of insects on earth.
2. Identify the main parts of an insect on an insect diagram or drawing.
3. Compare the life cycle of a grasshopper to that of a butterfly. Describe a spiritual lesson based on these life cycles.
4. Describe a social insect group and compare it to a solitary insect.
5. Collect and correctly mount and label twenty-five different insect species. (Some insects in your area may be protected under the Endangered Species Act of 1973. Check which ones these may be and do not collect any of them.)
6. Name five diseases that are transmitted to humans by insects and name their insect carriers. Briefly describe methods that people have used to attempt to control these pests.
7. Name four insect species that are helpful to humans and describe how they are helpful.
8. Explain the importance of insects in the food chains of other insects, fish, birds, and mammals.
9. List three Scripture references that mention insects.