



NATURE MERIT BADGE WORK SHEET (BYU/UVU PowWow)

Scout's Name

Instructor's Name

Scout's Address

City

State

ZIP

Instructions

- 1) The Scout is to review the merit badge book before the first week of PowWow.
- 2) Bring this work sheet, paper, and pencil or pen each week.

Requirement Instructions*

- 1) Requirement 1 will be passed off during the two sessions of PowWow.
- 2) Requirement 2 will be passed off during the two sessions of PowWow.
- 3) Requirement 3 will be passed off during the two sessions of PowWow.
- 4) Requirement 4 should be completed **either before** PowWow **or as homework** between the two sessions.

*All requirements may be subject to change by the merit badge counselor based on time constraints at the PowWow session. Please listen to all instructions given by the instructor to be aware of any changes.

Requirement 1

Initial

Name three ways in which plants are important to animals.

- 1.
- 2.
- 3.

Name a plant that is important to animals that is protected in your state or region.

Why is it at risk?

Requirement 2

Initial

Name three ways in which animals are important to plants.

- 1.
- 2.
- 3.

Name an animal that is protected in your state or region.

Why is it at risk?

Requirement 3

Initial

Explain the term "food chain."

Give an example of a four-step land food chain.

Give an example of a four-step water food chain.

Requirement 4

Initial

Do all the requirements in FIVE of the following fields on a separate sheet of paper:

- A. BIRDS
 - 1. In the field, identify eight species of birds.
 - 2. Make and set out a birdhouse OR a feeding station OR a birdbath. List what birds used it during a period of one month.
- B. MAMMALS
 - 1. In the field, identify three species of wild animals.
 - 2. Make plaster casts of the tracks of a wild animal.
- C. REPTILES and AMPHIBIANS
 - 1. Show that you can recognize the poisonous snakes in your area.
 - 2. In the field, identify three species of reptiles or amphibians.
 - 3. Recognize one species of toad or frog by voice;
OR identify one reptile or amphibian by eggs, den, burrow, or other signs.
- D. INSECTS and SPIDERS
 - 1. Collect, mount, and label 10 species of insects or spiders.
 - 2. Hatch an insect from the pupa or cocoon;
OR hatch adults from nymphs;
OR keep larvae until they form pupae or cocoons;
OR keep a colony of ants or bees through one season.
- E. FISH
 - 1. Catch and identify two species of fish.
 - 2. Collect four kinds of animal food eaten by fish in the wild.
- F. MOLLUSKS AND CRUSTACEANS
 - 1. Identify five species of mollusks and crustaceans.
 - 2. Collect, mount, and label six shells.
- G. PLANTS
 - 1. In the field, identify 15 species of wild plants.
 - 2. Collect and label seeds of six plants;
OR the leaves of 12 plants.
- H. SOILS AND ROCKS
 - 1. Collect and identify soils found in different layers of a soil profile.
 - 2. Collect and identify five different types of rocks from your area.

Merit badge work sheets will not be accepted at the Council Office in place of the official Merit Badge Application Card. Those who do not complete all the requirements should take their partially completed merit badge work sheet and their official application card to their local merit badge counselors for completion.

