



Unit II

1. Collect, mount, and preserve at least 50 insects. Include at least five pest insects and five beneficial insects.
2. Identify all insects in your collection to order and common names or to the common name of their family.
3. Prepare life history charts on at least three pest or beneficial insects collected. In a short statement, tell which of the life stages of the pest insects are directly destructive. Use the available life history records.
4. Complete all the necessary insect control practices on one 4-H project (production). If you are not enrolled in any of the production projects, continue and enlarge upon any of the suggested areas as listed under Unit I. Keep accounts of these activities on the "Record of Insect Control".
5. Beginning with either the egg or immature insect, rear through to the adult stage, at least the minimum number of insects as listed below:
 - a. One insect with incomplete metamorphosis
 - b. One insect with complete metamorphosis.

An accurate account of these operations should be kept on the pages entitled, "Record of Insect Rearing".
6. Make or purchase the following equipment in addition to that required for Unit I:
 - a. One additional killing jar
 - b. One spreading board
 - c. One additional insect case
 - d. Vials, stoppers, and preservative fluid for larval collections
 - e. Any other equipment needed.

CHECK LIST OF REQUIREMENTS

Unit II

MINIMUM REQUIREMENTS	Actual Completed Counts
Insect collection of 50 insects identified to common name and order	_____
3 Insect Life History Records	_____
1 Record of Insect Control	_____
2 Records of Insect Rearing	_____
Equipment	
<u>Made</u>	<u>Purchased</u>

Include All Records In 4-H Record Book.

Comments:

DISCUSS THE EGGS AS TO: DATE EGGS WERE DEPOSITED, SIZE, SHAPE (SKETCH), COLOR, ARRANGEMENT, ETC.

DISCUSS THE NYMPH OR THE LARVA IN RELATION TO: DATE INSECTS HATCHED, SIZE, SHAPE (SKETCH), COLOR, NUMBER OF MOLTS, FOOD, AND OTHER HABITS:

DISCUSS THE PUPA (IF THE INSECT HAS COMPLETE METAMORPHOSIS) IN RELATION TO: DATE PUPAL STAGE BEGAN, SIZE, SHAPE (SKETCH), COLOR, WAS A CACOON FORMED, ETC.

DISCUSS THE ADULT INSECT IN RELATION TO: DATE ADULT EMERGED FROM PUPA (OR NYMPH STAGE), SIZE, SHAPE (SKETCH), COLOR, MATING AND EGG LAYING, FOOD AND OTHER HABITS:

DISCUSS OTHER OBSERVATIONS NOT LISTED ABOVE: _____

Lined area for writing observations.

Include finished records in your record book.



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4-H Entomology Record

Name _____ Address _____ Age _____

Name of 4-H Club _____ County _____ Year _____

Name of Club Leader _____

Name of Project Leader _____

Name of Jr. Project Chairman _____

My Participation: (Limit following records to this project)

Club meetings attended during year _____ . Project meetings held _____ .

Project meetings attended _____ .

Number of demonstrations given at: project meetings _____ , community club meetings _____ , county meetings _____ , district meetings _____ , and state meetings _____ .

Number of times participated in judging work in: project meetings _____ , county _____ , district _____ , state _____ , interstate _____ .

Number of exhibits made in: community _____ , county _____ , district _____ , state _____ , interstate _____ .

Participated In:

County Achievement Day _____ , District Achievement Day _____ , State Achievement Day _____ , national contests _____ , county fair or show _____ , district fair _____ , State Fair _____ , Interstate Show _____ , county camp _____ , district camp _____ , State Club Week _____ , National Club Congress or National 4-H Conference _____ .

Number of news stories published _____ . Number of radio and T.V. programs participated in _____ . Number of public speeches made _____ .

Served on _____ standing committee in club.



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