



COLORADO STATE UNIVERSITY
EXTENSION

4-H



ENTOMOLOGY

General/Natural
Resources Projects



Have you chased butterflies or caught a ladybug to get a closer look? Do you think collecting bugs is a great way to spend your time? Then the 4-H Entomology project is right up your alley. You will learn about the world of insects and have fun doing it.

Resources

- MD1500B Entomology, Units 1-7
- RD1500A Entomology Workbook
- Entomology Tip Sheet
- Entomology e-Record
- State Fair Exhibit Requirements
- Entomology Score Sheets:
 - Entomology Unit 1 Entomology Unit 5
 - Entomology Unit 2 Entomology Unit 6
 - Entomology Unit 3 Entomology Unit 7
 - Entomology Unit 4

Let's Learn About Insects - Unit 1	Learn More About Insects - Unit 2	Insect Habits and Controls - Unit 3	Ident. & Comm. Projects - Unit 4	Immature & Life Stages - Unit 5	Exploring with Insects - Unit 6	Advanced: Exploring with Insects - Unit 7
<p>This unit is for members 8-18 years old. This unit is primarily for those members who are just starting their collection.</p> <p>In Units 1-4, the insect collections build upon each other.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Study the life history of one insect • Make an insect collection of 10 to 35 insects • Pin, label and exhibit insect collection 	<p>This unit is for members 8-18 years old. In this unit you will learn how to expand an insect collection.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Expand your insect collection • Pin and display insects according to directions in the manual • Learn at least six different scientific insect orders • Learn how to classify insects • Learn about beneficial and destructive insects 	<p>This unit is for members 8-18 years old.</p> <p>In this unit you will learn to identify insect groups, including those found around lakes and rivers. You will also concentrate on collecting or categorizing insects in ecological associations.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Make an insect survey about your home grounds • Expand your collection to 75-150 insects • Study one insect and report on it 	<p>This unit is for members 8-18 years old. In this unit you will take insect identification to the family level.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Expand your collection to 100-200 insects • Make an insect survey of your neighborhood • Map the insect situation • Construct and operate a light trap 	<p>This unit is for members 8-18 years old. In this unit you will further specialize your insect study.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Make a collection of at least 10 larvae of immature insects. • Rear one insect from egg stage • Assume responsibility for an insect control program 	<p>This unit is for members 8-18 years old. In this unit you will write about three special activities.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Expand your collection of immature and regular insects • Develop special insect collections • Provide leadership 	<p>This unit is for advanced entomology members 8-18 years old.</p> <p>This unit is for members who have completed all the other units.</p> <p>Members will accomplish the following learning experiences:</p> <ul style="list-style-type: none"> • Develop your own plan for study and experiments • Seek out new resources.