



Enroll in ZSuite Under this Project Name: NS-ENTOMOLOGY-Lv 3: Teaming With Insects 3

Approved for 2024-25 Project Year

Project Description: In the final level of the Teaming with Insects series, youth will take control of their learning by doing research using the scientific method and reference materials and teach others what they've learned.

REQUIRED YOUTH CURRICULUM

[Teaming With Insects, Level 3](#) (#08442), 2014

[ZSuite 4-H Involvement Report](#)

[ZSuite 4-H Project Record Book](#)

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

[Teaming With Insects, Facilitator's Guide](#) (#08443), 2014

SUPPLEMENTAL RESOURCES

Field Guide to Insects of North America (Eaton/Kaufman) - check your local library or bookstore

Field Guide to Insects and Spiders of North America (Evans) - check your local library or bookstore

[Preparing Insect Specimens for Exhibit](#) (#82358)

[Bug Guide](#) (Iowa State University)

[Purdue University Youth Entomology Webpage](#)

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PROJECT COMPLETION CHECKLIST

| STATE REQUIREMENTS | |
|--------------------|--|
| | Complete a minimum of 5 activities in the Teaming With Insects Level 3 project book per year. |
| | Complete all 15 activities within 3 years to complete level 3 Entomology. |
| | Have your project helper date (month and year) and initial each activity when it is finished. |
| | Complete the 4-H Project Record Book for this project in your ZSuite Member Account |
| | Fill out your 4-H Involvement Report in your ZSuite Member Account |
| | Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related to this project. Recommended guidelines for length of oral presentations are: <ul style="list-style-type: none"> • Junior: 5-8 minutes • Intermediate: 8-10 minutes • Senior: 10-12 minutes |
| | <p>Special Instructions for Insect Collections</p> <p>Exhibit boxes should be approximately 18"x12" (for up to 25 insects) or 18"x24" (for up to 50 insects) and about 3" to 3 ½" deep. Boxes should be covered with a plexiglass/clear plastic lid that can be removed. All insects must be mounted, labeled and identified to order, and should be arranged by order.</p> |

| ADDITIONAL LOCAL REQUIREMENTS | |
|-------------------------------|--|
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| FAIR EXHIBIT CHECKLIST | |
|------------------------|--|
| | Completed Idaho 4-H Involvement Report (ZSuite) |
| | Completed Idaho 4-H Project Record Book for this project (ZSuite) |
| | <p>ONE of the following exhibit options:</p> <ul style="list-style-type: none"> • A collection of specimens that meets the following requirements and uses at least 2 collection methods. <ul style="list-style-type: none"> ○ Year 1: Collection of at least 20 insects, including 1 incomplete and 1 complete metamorphosis. At least 10 insects cannot have been exhibited before. Identify at least 10 to family, and include 10 or more orders. ○ Year 2: At least 25 insects, representing at least 10 orders with 10 or more identified to family. At least 10 insects cannot have been exhibited before. Use Ethyl Acetate to kill and preserve. ○ Year 3: Minimum 40 insects, including 1 incomplete and 1 complete metamorphosis. Represent 8 or more orders. Use UV light for nighttime collection of at least some specimens. Include 10 insects that have not been exhibited before, and identify at least 20 to family. • A written research report with sources cited. • A poster (14"x22") or display illustrating something you learned in this project this year. |

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