

Science & Technology

ENTOMOLOGY

LEVEL 2

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Rev. 09-20

| Projects & Materials | Requirements | Exhibit Requirements |
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| <p>Youth Materials:</p> <ul style="list-style-type: none"> • <i>Teaming with Insects Level 2 (#08441)</i> 📖 2014 • <i>ZSuites 4-H Involvement Report</i> • <i>ZSuites 4-H Project Record Book</i> <p>Volunteer Materials:</p> <ul style="list-style-type: none"> • <i>Teaming with Insects Facilitators Guide (#08443)</i> 📖 2014 <p>Classification materials: (available on website)</p> <ul style="list-style-type: none"> • Field Guide to Insects of North Americas (Eaton/Kaufman) • Field Guide to Insects and Spiders (Evans) | <p>Pre-requisites: Complete Entomology Level 1 (or approval of 4-H Professional)</p> <p>Using the “Teaming with Insects” Level 2 curriculum booklet:</p> <ul style="list-style-type: none"> • Complete a minimum of 5 activities per year. • Complete all 16 activities within 3 years to pass Level 2. • Have your project helper date (month and year) and initial each activity when it is finished. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>ZSuites 4-H Involvement Report</i> • <i>ZSuites 4-H Project Record Book</i> <p>Note: See “Special Directions” at the end of the Entomology Section for more information about this project.</p> | <ul style="list-style-type: none"> • ZSuites 4-H Project Record Book • ZSuites 4-H Involvement Report • 1st Year: Collection of at least 15 insects, including 10 different insects you haven’t exhibited before. Five insects should be mounted with card-point for display. At least 7 should be identified to family, including at least 3 orders. Use of ethyl alcohol to preserve. • 2nd Year: Collection of 20 adult insects and 5 nymphs (not necessarily the same as the adults collected), including 10 different insects you haven’t exhibited before (at least 10 identified to family; including at least 5 orders). Use soft body preserving techniques. • 3rd Year: Collection of at least 25 insects, including 15 different insects you haven’t exhibited before (at least 15 identified to family; including at least 10 orders). Include 1 incomplete metamorphosis (egg-nymph-adult) Use “Rearing Cage” Collection Method. <p>OR</p> <p>A report of things you have learned or researched (such as results of observations of insect traps, habitats, life cycle, entomology careers, etc.).</p> <p>OR</p> <p>A poster (14”x 22”) or display relating to some activity in Level 2 (special equipment made such as a separator or extractor, arthropod collection, etc.).</p> <p>Collection: Exhibit boxes should be approximately 18” x 12” or 25 insects or 18” x 24” for 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 organized by order.</p> |
| <p>County Requirements: Check with your County Extension office for more information.</p> | | |
| <p>Support Materials: Idaho 4-H Entomology page: https://www.uidaho.edu/extension/4h/projects/entomology To order National 4-H Curriculum visit: https://shop4-h.org/products/entomology-curriculum-2-teaming-with-insects Facilitator Guide: https://shop4-h.org/products/entomology-curriculum-facilitators-guide</p> | | |
| <p>Optional Supporting Materials: All items accessible at https://www.uidaho.edu/extension/4h/projects/entomology</p> <ul style="list-style-type: none"> • <i>Field Guide to Insects of North Americas (Eaton/Kaufman)</i> • <i>Field Guide to Insects and Spiders (Evans)</i> • <i>Preparing Insect Specimens for Exhibit (#82358)</i> • <i>Bug Guide (Iowa State University)</i> • <i>How To Make an Awesome Insect Collection (Purdue)</i> | | |