

ECOLOGY, NATURAL RESOURCES
LOT 6026 – ENTOMOLOGY
INSECT COLLECTIONS: Classes 687, 688, 689, 690, & 691
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1. See General Rules applying to all 4-H exhibitors and 4-H exhibits other than livestock listed previously in this catalog.
2. Specifications for exhibits:
 - a. All exhibits are to be standard size 18" x 24" and not more than 3 1/2" thick with Plexiglass cover and cellotex type false pinning bottoms. Entomology boxes through UK College of Agriculture, Department of Entomology, will also be acceptable. Plastic wrap must be placed over insects in the styrofoam, cardboard or chipboard boxes. Boxes must be easily opened.
 - b. Specimens are to be arranged so the box can be exhibited horizontally. Whenever possible, 4-H'ers should attach wires to the back of boxes to help make them easier to display.
 - c. Identification labels available from your County Extension Office must be used. The card should be placed on the front of the box (each box). Instructions for pinning and labeling are included in your project literature.
 - d. One half of the specimens may be from the previous year's collection or from anywhere in the United States; one half or more must be Kentucky insects collected since the last Kentucky State Fair.
 - e. For the first through fifth year projects, a display collection catalog must be in an envelope attached to the back of the display box. Envelopes should be attached to permit their being opened easily to remove catalogue from them without moving the exhibit.
3. Entomology exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Condition of Specimens, Overall Appearance, Life Cycle Representation, Catalog of Specimens. Check with county 4-H Agent for point distribution on score sheet.
4. Exhibits will be penalized if they do not:
 - a. Use insect pins for pinning insects.
 - b. Use the 4-H Entomology identification labels.
 - c. Use the standard 18" x 24" x 3 1/2" display box or box acquired through the Dept. of Entomology. (Boxes from the Entomology Dept. should have a plastic film cover such as Saran Wrap to protect insects inside.)
 - d. Fulfill the requirements of the particular exhibit under which it is entered.
 - e. Have the insects arranged so the box can be exhibited horizontally.
 - f. Have the display collection catalogue in an envelope attached to the back of the display box through fifth year projects.

5. No extra credit will be given for specimens exhibited beyond the numbers listed in the current project books.
6. 4-H'ers entering fifth year cannot use the same exhibit that has been judged in any previous State Fair.
7. 4-H Entomology exhibits will be divided into the following classes:
 - 687 First year project (1 or 2 boxes with minimum of 25 insects, maximum 50 insects, from at least four orders. Identification beyond order not necessary. All specimens must have date and locality label.)
 - 688 Second year project (1 or 2 boxes with minimum of eight orders and not less than 50 insects, nor more than 100 insects.) Half of the insects should be identified with a common name.
 - 689 Third year project (2 boxes with a minimum of 10 orders and 100 insects, a maximum of 150 insects.)
 - 690 Fourth year project (2 boxes with minimum of 12 orders and 150 insects, no maximum) A third box with an example of insect damage, the stage of the insect causing the damage and any other stage of the insect that helps identify the problem. Include information in the display that tells how the insect is controlled. Life cycle of two insects may be displayed if desired.
 - 691 Fifth year project (may be repeated for successive years of eligibility but must be a different exhibit. No exhibit that has been judged in any previous State Fair may be entered.) Any type of display that pertains to experiences beyond those of previous projects. Special collections of native and/or exotic butterflies, beetles to some other insect order; a study in depth of one insect or small group of insects: a display of insect camouflage: a display of plastic embedded insects: a collection of insect larvae and nymphs are examples. Charts, photographs, models or any other visual aids may be used. 4-H'ers are encouraged to write a short (1 or 2 paragraphs) statement developing the theme of their fifth year display.