

MONDAY MORNING/AFTERNOON, JULY 3, 2017

10:00 A.M. – 7:00 P.M

DIVISION A

4-H Ecology & Natural Resources 1300's

*1300. First year project - (Up to three 9"x13" official cardboard boxes, or up to two 18"x24" wooden 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.)

*1301. First year project – (minimum of 25 insect photographs, maximum 50 photographs, from at least four orders. Identification beyond order not necessary. All photographs must have notation field.)

Specifications for insect photography exhibits:

- a. Images will be submitted on a USB memory device (such as a "thumb drive") with no other data except for the images and folders. The USB device must be identified externally with a tag or label, showing "4-Her's last name-County-Lot Number-Class Number-Entry Number." The single root folder will be labeled with the same information. Images will be contained inside this folder.
Example folder name: Doe-Fayette-6026-687a-24531
 - b. Each image will be .jpg format, 1920x1080 pixels. Vertical or horizontal black bars may be present to allow for cropped images.
 - c. Each image will have a filename that matches the following: "last name-county-#.jpg," where "#" indicates the number of the image inside the folder. Example filename: Doe-Fayette-1.jpg
 - d. Each image will include a 200x200 pixel, white notation box with important information about the photo. This notation field may be placed anywhere inside the image, including inside black bars (if present). Fonts may vary based on the 4-Her's software, but we recommend Ariel, 10 pt, black, non-bold. The notation field will include the following information, with one space between each line:
[4-Her's Name, County, Lot Number, Class Number, Entry Number]
[Date of original photography]/[Location of original photograph. Location may be in the form of a street/city/zip code address or GPS coordinates.]
[Brand and type of camera or camera phone]
[Settings, including type of lens, relevant camera settings, and "flash" or "no flash"]
[Insect Order – Common Name]
1. Entomology exhibits are judge on the following categories: Orders, Species, Common Names, Labels, Quality of Photograph. Check with county 4-H Agent for point distribution on score sheet.
 2. Digital insect collections will be penalized if they:
 - a. Consist of images that were created by someone other than the 4-Her.
 - b. Are not submitted and labeled according to guidelines.
 3. No extra credit will be given for photographs submitted beyond the numbers listed in the current project books.

*1302. Second year project - (Up to three 9"x13" official cardboard boxes, or up to two 18"x24" wooden 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.

*1303. Third year project - (Three 9"x13" official cardboard boxes, or two 18"x24" wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects.)

- *1304. Fourth year project – (Three 9”x13” official cardboard boxes, or two 18”x24” wooden boxes, with minimum of 12 orders and 150 insects, no maximum). An addition cardboard or wooden 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.
- *1305. 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-Hers are encouraged to write a short (1 or 2 paragraphs) statement developing the theme of their fifth year display.
1306. Miscellaneous Insect Display

HONEY CLASSES

Rules:

1. Honey shows better in oval flat sided to square clear glass container. Wide-mouth mason jars or wide-mouth honey jars may be used.
2. Fill jars to within ½ inch of top. Note: Two (2) jars must be submitted.

Two (2) one pound containers of:

- *1307. White extract honey
- *1308. Light amber extracted honey
- *1309. Amber extracted honey
- *1310. Dark amber extracted honey
- *1311. Chunk honey, any color
- 1312. Miscellaneous Honey

Any class with an asterisk () on the left hand side is eligible to go on to the Kentucky State Fair.*