

ENTOMOLOGY - Section H

ENTOMOLOGY RULES

- a.) Insect specimens must be properly mounted and displayed and have complete collection data. Display cases described in the 4-H entomology project guide or museum size insect drawers or polystyrene insect cases covered with plastic sheets are acceptable means to display a collection.
- b.) Exhibits incorrectly prepared will not be evaluated.
- c.) A copy of the judging criteria may be obtained from the 4-H office.
- d.) For Class 7, the exhibitor must receive approval prior to July 1st.

AWARDS:

Blue \$5.00 Red \$4.00 White \$3.00

Classes 1 - 5

GENERAL INSECT COLLECTIONS

Class

1. **First Year Project Exhibits** must include a minimum of 20 specimens representing 5 insect orders. Classification need not be taken further than order names. Mounting: The wings of all butterflies and moths must be spread.
2. **Second Year Exhibits** must include a minimum of 40 specimens representing 9 insect orders. Twenty specimens must have been collected during the current year. Twenty specimens must also be identified as to common name with name written on a label and pinned separately near the specimen (easily visible, to aid in judging). Addition of scientific names is optional in this class. Mounting: the wings of all butterflies and moths must be spread and at least one small insect must be mounted on a point or minuten pin.
3. **Third Year Project Exhibits** must include a minimum of sixty (60) specimens representing twelve (12) orders. Thirty (30) specimens must have been collected during the current year. Thirty specimens must be identified to common name and at least five specimens (representing at least five families) must be identified to family. Scientific names (genus and species) should be included wherever possible, although insects from some orders will be difficult to identify to this level; common and/or scientific names should be placed on a separate label pinned near the specimen as in Class 2. Mounting: the wings of all butterflies and moths must be spread and at least two small insects must be mounted on points or minuten pins.
4. **4th year and beyond projects.**
 - Must consist of general collections.
 - Must include 80 specimens representing at least 12 orders.
 - Forty specimens must be collected during the current year.
 - Forty specimens must be identified to common name.
 - At least 10 specimens (representing at least 10 families) must be identified to their family. Scientific names should be included wherever possible. Common names should be placed on a separate label, pinned near the specimen as in Class #2.
 - Proper mounting (pinned properly, wings of Lepidoptera spread, two small insects on points or minutenens) will be strongly emphasized.
5. **Photo Slide Collection**
 - Pictures must be on 2" x 2" slides.
 - Minimum of 5 slides; maximum of 10.
 - Slide subjects must be identified by common or Latin name.
6. **Honey Bee/Apiculture Exhibits**
 - Honey – 1 pound container
 - Bee/Honey products made from Beeswax – Examples: candles (at least 2), lip wax
 - Display/Poster – Individual or Group – a series of posters/photos or three dimensional exhibits representing any aspect of beekeeping. Examples: equipment, disease, bee colony management.
 - Project record book for 4-H beekeeping project.
7. **Living Insect Exhibit**
 - Exhibits must convey an educational message to the public and/or the education opportunities in 4-H work in the field of entomology.
 - *Live educational exhibits* are encouraged. Possible exhibits including living adult butterflies, butterfly chrysalides from which the adults are emerging, caterpillars, honey bees, ant farms and aquatic insects in water tanks. Showing of a living exhibit requires that the exhibitor be on hand to care for the needs of his or her "livestock" daily.
 - Exhibits will be evaluated on: educational value; appearance; quality and arrangement.
 - Those planning to prepare exhibits must first make arrangements with the 4-H extension educator prior to July 1st.
8. **Club Exhibits** – single collections prepared by the combined efforts of a club.
 - May be any kind of insect collection or may represent a group activity that can be presented as an exhibit.
 - Evaluation will be based on number of members and completeness of exhibit.