

Section 15 – ENTOMOLOGY PROJECTS

PROJECT RECORD SHEETS REQUIRED for YOUTH BUILDING ENTRIES.

A General Project Record or Cloverbud Project Record and an Exhibit Tag **must** accompany each exhibit entered in the Youth Building. A copy of the General Project Record and Cloverbud Project Record can be found on the Cornell Cooperative Extension web site at www.ccedelaware.org or can be picked up at Cooperative Extension, Hamden.

GENERAL GUIDELINES

Insect specimens must be properly mounted and displayed and have complete collection data. Suggested display case described in 4-H Entomology Project Guide (available through your Extension 4-H Educator) or museum size insect drawers or polystyrene insect cases covered with clear plastic sheets. Exhibits incorrectly prepared will not be evaluated.

Class No.

2176 FIRST YEAR PROJECT EXHIBIT.

1. Must include a minimum of 20 specimens representing 5 insect orders.
2. Classification need not be taken further than *order* names.
3. Mounting: wings of all butterflies and moths must be spread.

2177 SECOND YEAR PROJECT EXHIBIT.

1. Must include a minimum of 40 specimens representing 9 insect orders.
2. 20 specimens must have been collected during the current year.
3. 20 specimens must also be identified to common name with the name written on a label and pinned separately near the specimen (easily visible, to aid in judging).
4. Addition of scientific names is optional in this class.
5. Insects should be pinned properly and 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.

2178 THIRD YEAR PROJECT EXHIBIT.

1. Must include a minimum of 60 specimens representing 12 orders.
2. 30 specimens must have been collected during the current year.
3. 30 specimens must be identified to common name
4. At least 5 specimens (representing at least 5 families) must be identified to family.
5. Scientific names (genus and species) should be included wherever possible, although insects from some orders will be difficult to identify to this level; common names should be placed on a separate level pinned near the specimen as in Class No. 2302.
6. Insects should be pinned properly and the wings of all butterflies and moths must be spread and at least two small insects must be mounted on points or minute pins.

2179 FOURTH YEAR (and beyond) PROJECT EXHIBIT.

1. Must consist of general collections.
2. Must include 80 specimens representing at least 12 orders.
3. 40 specimens must have been collected during the current year.
4. 40 specimens must be identified to common name.
5. 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 number 2302.

6. Proper mounting (pinned properly, wings of Lepidoptera spread, two (2) small insects on points or minutens) will be strongly emphasized.

2180 ADVANCED INSECT COLLECTIONS.

1. For advanced collections Riker mounts may also be used.
2. Complete collection data should accompany all exhibits (where collected, date, and by whom?); can be placed on back of exhibit as long as the evaluator can tell which label goes with each specimen. If you exchange specimens, label as completely as possible, giving location (country, state or province, nearest town), date collected; name of collector; plus any ecological information available such as plant or insect host, habitat, etc.
3. Imagination and individuality are encouraged.
4. The rules for mounting, as set up for general collections, do not have to be followed, if, by doing so, the advanced collection can be enhanced. The scientific aspects and educational value, appearance, quality and arrangement will be evaluated.
5. The 4-H General Project Record or Cloverbud Project Record should contain educational value to you (what you learned) as well as what you see the educational value to others to be.

2181 CLUB and COUNTY EXHIBITS

(Single Collections prepared by the combined efforts of a club).

1. May be any kind of insect collection or may represent a group activity that can be presented as an exhibit.
2. Regional insect collections prepared for eventual donation to a museum may be entered in this class if prepared by more than one person; otherwise these should be entered under Fourth Year (and beyond) Project Exhibits.
3. Evaluation will be based on number of members and completeness of exhibit.

2182 ENTOMOLOGY OPEN CLASS.

Class is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

HONEY BEE/APICULTURE EXHIBITS

2183 HONEY

1 pound container

2184 BEE/HONEY PRODUCTS MADE FROM BEESWAX.

Examples: candles (at least 2), lip wax

2185 DISPLAY/POSTER (Individual or Group).

A series of posters/photos or three dimensional exhibit representing any aspect of Beekeeping. Examples: equipment, disease, bee colony management.

2186 PROJECT RECORD BOOK for BEEKEEPING PROJECT.