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| <p style="text-align: center;"><b>SECTION 16</b><br/><b>ENTOMOLOGY PROJECTS</b></p> |
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**\*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](http://www.ccedelaware.org) or can be picked up at Cooperative Extension, Hamden.

Exhibitors who wish to exhibit at State Fair should visit the State Fair web site at [www.nysfair.org](http://www.nysfair.org).

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.**

2301 **First Year Project Exhibits.** Must include a minimum of twenty (20) specimens representing five (5) insect orders. Classification need not be taken further than order names. Mounting: wings of all butterflies and moths must be spread.

2302 **Second Year Project.** Exhibits must include a minimum of forty (40) specimens representing nine (9) insect orders. Twenty (20) specimens must have been collected during the current year. Twenty (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). Addition of scientific names is optional in this class. Mounting: wings of all butterflies and moths must be spread and at least one (1) small insect must be mounted on a point or minuten pin.

2303 **Third Year Project.** Exhibit must include a minimum of sixty (60) specimens representing twelve (12) orders. Thirty (30) specimens must have been collected during the current year, thirty (30) specimens must be identified to common name and at least five (5) specimens (representing at least five (5) 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 level pinned near the specimen as in Class No. 2302. Mounting: wings of all butterflies and moths must be spread and at least two (2) small insects must be mounted on points of minuten pins.

2304 **Fourth Year (and beyond) Project Exhibit.** Must consist of general collections. Must include eighty (80) specimens representing at least twelve (12) orders. Forty (40) specimens must have been collected during the current year. Forty (40) specimens must be identified to common name. At least ten (10) specimens (representing at least ten (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. Proper mounting (pinned properly, wings of Lepidoptera spread, two (2) small insects on points or minuten) will be strongly emphasized.

2305 **Honey Bee/Apiculture Exhibit.**

-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 exhibit representing any aspect of beekeeping - Examples: equipment, disease, bee colony management

-Project Record Book for 4-H Beekeeping Project.

2306 **Living Insect Exhibit.** Exhibits must convey an educational message to the public and/or the educational 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, 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

2309 **Open Class.** Any other approved 4-H project made as a part of a related 4-H project that does not fit any other class