

Dept. 4Q – Entomology

1st \$4.25 | 2nd \$3.25 | 3rd \$2.75

Rules & Regulations:

- Insects should be mounted according to the instruction in the 4-H Entomology Project Guide, 225. Insects of the same order should be grouped together. Specimens should be mounted on standard insect pins. Each specimen should have a label which indicates where and when it was collected and the collector's name. Labels should not exceed 1/2" x 1".
- One or more boxes with pinning bottom may be used. Boxes should be at least 5" x 8" in size and covered with glass or other transparent top.
- Most specimens should be collected and mounted by the exhibitor. Some specimen trading is allowed as long as the original collector's label is retained.
- Collections will be judged on accuracy in naming and grouping by order, number and variety of species, and neatness in labeling and arrangement.
- An exhibitor may enter a collection in ONE of the following Classes: 1,2,3 or 4 in section 1. The exhibitor may also enter Classes 5,6, 7, & 8, in Section 1 & Classes 1 or 2 in Section 2.
- A substantial number (*i.e. at least 25*) of new specimens should have been collected during the previous year.
- A glass - headed pin should be placed next to each insect collected during the previous year.
- Each collection must be accompanied with a 3" x 5" card containing the following:
 - Number of specimens in the collection
 - Number of orders in the collection.
 - Number of specimens collected within the previous year.

SECTION 1 – ENTOMOLOGY INSECT COLLECTIONS

- First Year Member (*At least 25 insects in 3 or more orders*)
- First Through Third Year Members
(*At least 60 specimens in 5 or more orders.*
Insects should be identified to common name or family name)
- First Through Fourth Year Member (*At least 100 specimens in 10 or more orders. insects should be identified to family*)
- Any Number of Years in Project
(*At least 200 specimens in 15 or more orders.*
Insects should be identified to family)
- Specialty Collection
(*An insect collection in a special taxonomic group such as a family or genus in a single order. Identify insects as specifically as possible.*
Include a brief explanation of the collection.)
- Ecologically Related Collection (*A collection of insects which are related to each other by habitat such as the insects on one crop, on one plant, in a garden, on an animal, household pests, aquatic insects, gall insects, etc. Identify insects as specifically as possible. Include a brief explanation of the collection.*)
- Educational Exhibit (*This exhibit should be suitable for teaching some aspect of entomology. For instance, a collection indicating the various types of metamorphosis (e.g. egg, larva, pupa, and adults of selected insects) or one that shows various types of mimicry (e.g. flies and the bees they mimic, insects with warning coloration, etc.) Include a brief explanation of the collection.*)
- Insect Collection Judging
(*The member will evaluate a collection provided to identify, mispinned/mislabeled specimens*)

SECTION 2 – ENTOMOLOGY PHOTOGRAPHIC COLLECTIONS

- Photographic Collection – One Year (*A collection of photographs taken by the member since the previous Frederick Fair of at least 25 different insects in five or more orders. Insects should be identified to family.*)
- Photographic Collection – Multi-Year (*A collection of photographs taken by the member of at least 50 different insects (25 taken within the previous year) in seven or more orders. Insects should be identified to family.*)

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