

St. Joseph County 4-H

Entomology Guidelines



Rules:

1. An Exhibitor must make a different exhibit each year.
2. First year exhibitors must exhibit in Section 1, Class 1.
3. Second year exhibitors must exhibit in Section 2, Class 2.
4. Third year and more advanced exhibitors may exhibit once in each section.

Section 1 - Basic Entomology

1. Basic Entomology I - Collection of 25 adult, labeled insects representing at least 3 different orders.
2. Basic Entomology II – Collection of 50 adult, labeled insects, including those already collected in a previous level, representing at least 11 different orders.
3. Basic Entomology III – Collection of 100 adult, labeled insects, including those already collected in previous levels, representing at least 14 different orders.
4. Basic Entomology IV – Collection of 175 adult, labeled insects, including those already collected in previous levels, representing at least 16 different orders.
5. Basic Entomology V – Collection of 250 adult, labeled insects, including those already collected in previous levels, representing at least 16 different orders.
6. Basic Entomology VI – Collection of 300 adult, labeled insects, including those already collected in previous levels, representing at least 16 different orders.
7. Basic Entomology VII – Collection of 350 adult, labeled insects, including those already collected in previous levels, representing at least 16 different orders.
8. Basic Entomology VIII – Collection of 400 adult, labeled insects, including those already collected in previous levels, representing at least 18 different orders.

Section 2 - Entomology Science - Third (3) year and more advanced exhibitors may exhibit in any class in this section.

1. Entomology Science I – Special collections; collect, prepare and preserve 25 different insect immatures (nymphs and larvae), or 25 non-insect arthropods, OR 25 species from a single order.
2. Entomology Science II – Economic entomology; collect, preserve and exhibit 30 different economic insects (pests and beneficial; adults and/or immatures) and include some information on their relationships to human society.
3. Entomology Science III – Entomological STUDIES; this can include slides, photos, observations. Live specimen exhibits, identification demonstrations, or drawings.
4. Entomology Science IV – Entomological EXPERIMENTS: this can include experiments in biology, ecology, genetics or behavior of insects.

Section 3 - Special Entomological Skills - Third (3) year and more advanced exhibitors may exhibit in any class in this section.

1. Special Entomological Skills I – Illustrations; prepare at least 5 illustrations (any medium) of insects showing form, habits, life cycle or other interesting information.
2. Special Entomological Skills II – Lamination; prepare at least 20 wing lamination, including a name for each species.
3. Special Entomological Skills III – Plastic Embedments; prepare at least 5 plastic embedments of various insects and/or arthropods and include names of species where possible.