UNIVERSITY OF MINNESOTA EXTENSION

Minnesota 4-H Exhibit Evaluation
Natural Resources: Entomology

4-H'er Name:_____Grade: _____

County or Club:_____Years in 4-H:_____Years in Project:_____

About the project/exhibit	About your exhibit
❑ Purple ❑ Blue ❑ Red ❑ White ❑ Other	Comments: ● Strengths/accomplishments ● Skills learned ● Areas to work on ● Possible new challenges ● Questions to think about
50% of Score **Learning Involved:** ● Demonstrates general knowledge of entomology. ● Did new information and learning occur? ● Has there been growth in scope and variety within the entomology project area? ● Can explain the importance of entomology in relationship to natural resources (scientific investigation, current events, ecosystem). ● Can clearly explain how they shared knowledge/skills with others.	
50% of Score **Workmanship & Techniques of Exhibit:** ● Information used is accurate. ● Exhibitor is able to identify resources. ● Exhibit is properly labeled, mounted and is accurate. **General Appearance and Design:** ● The exhibit is neat and attractive and holds viewer attention. ● If an educational display is included, it is well designed, attractive, and understandable. ● Thought was put into presentation method, with alternatives considered.	

(over)

Area	Details

Rules	• Emphasis of the project must relate to an aspect of entomology. Project must demonstrate specific knowledge of insects. Be prepared to discuss references and sources (e.g. books, magazines, internet, interviews with an expert etc.)
	• Displays or booklets on entomology topics should include references and sources. Pictures, drawings, charts, tables, or other figures may be used to support understanding.
	• Live projects (e.g. bee or ant colony) will be accepted if the project can be self-sustaining for up to 14 days without special care. A written report or journal should accompany the project. Pictures, drawings, charts, tables, or other figures may be used.
	• Collection shall be contained in one see-through enclosed case. Arrange so that the case may be displayed in a horizontal position. Place the project label on the lower right corner of the top.
	  ○ Specimens must be collected by the exhibitor. Purchased insects are not acceptable.
	  ○ Specimens must be properly pinned with insect pins. Small insects may need to be placed on cardboard points.
	  ○ Specimens must be properly labeled.
	  • The location, date, and collector must be included on the labels. County and state (and country, when applicable) are minimum location information that should be included. It is valuable to include the nearest town or township where the specimen was collected, the type of habitat it was collected from (e.g. on elm tree; on lake shore; indoors.), and the common name of the insect.
	  • All labels should be visible so they can be read. Use a permanent ink marker, pencil or print labels from a computer.

Guidelines	• Poster exhibits may not exceed 22” wide x 28” high. Three dimensional displays may not exceed 12” deep x 24” wide x 36” high.
	• Exhibits are not limited to three dimensional displays or posters. They may be actual models, games or technology related exhibits.
	• Creativity is encouraged.
	• Resources should be credited and documented for written aspects of the project (e.g., books, websites, 4-H or Extension publications, mentors, magazine articles, etc.).
	• If you’re doing a collection—cases can be purchased through a variety of vendors or homemade.
	  ○ Specialty insect collection can include but is not limited to a collection of a single order (e.g. Coleoptera or Lepidoptera), a collection of immature insects, a collection of insects from a particular habitat (e.g. aquatic, forest, or prairie) or a collection of economic pests of a specific crop (e.g. insects attacking corn).
	  ○ General collection: starter collection should have 10-20 insects; goal is 50 species of adult insects representing at least 8 orders. Each year add or replace insects. A full 50 species case would be approximately 19" x 16.5" x 3" to 24" x 18" x 3".

Exhibit Ideas	• Projects can include but is not limited to life history displays (e.g. insect life cycle, honey production process, etc), scientific investigation (e.g. insect habitats or effects of environment factors on insects), insects in current events (e.g. pollinators, butterfly tagging, invasive species, protected or declining species), insects in our ecosystem (food source, roles in food production, behaviors, health or disease, etc) • Live projects (e.g. bee or ant colony) • Utilize the scientific method to learn about insects. Remember to introduce the subject, describing the process (materials and method), predicting an outcome, stating the results, and discussing any conclusions. Get involved and share what you learned through citizen science projects. • Insect collections

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Available resources

Minnesota 4-H resources
4-H Entomology Project

National 4-H resources
Browse National 4-H resources at https://shop4-h.org/