

Common Orders

Order: Coleoptera

Common name: Beetles

Order: Dermaptera

Common name: Earwig

Order: Diptera

Common name: Fly

Order: Ephemeroptera

Common name: Mayfly

Order: Hemiptera

Common name: Toad

Order: Homoptera

Common name: Cicada

Order: Hymenoptera

Common name: Ant

Order: Isoptera

Common name: Termite

Order: Lepidoptera

Common name: Butterfly

Entomology Undergraduate Programs



Contest Dates

3.27 Tarleton Invitational CDEs

3.28 Texas State Invitational CDEs

3.29 TAMU Judging Clinic

4.4 South Texas Invitational

4.9 Area X CDE's-TAMUK



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McAllen FFA



Entomology

The FFA Mission
FFA makes a positive difference in the lives of students by developing their potential for **premier leadership, personal growth and career success** through agricultural education.

The Purpose

The insect contest introduces high school students to the fundamentals of entomology and develops skills in identification of common insects and their relatives using taxonomy and nomenclature used by practitioners in the industry and in the scientific community. Understanding insects and key species is of utmost importance to agricultural crops and animal production, conservation, human and companion animal health and well being. The basic entomological principles to be covered include: 1) insect structure and function, 2) metamorphosis, 3) insect identification, and 4) importance to people. The event is supported by curriculum of the following agriculture food and natural resource coursework: Principles of Agriculture, Food, and Natural Resources.

Event Format

The event will consist of 25 unlabeled, preserved specimens selected from a list of 150.

The student contestants will identify for each specimen, the order, common name, metamorphic type, mouthpart type, and significance to people.

Each student will be given 90 seconds per specimen. At the end, when contestants have examined all specimens, additional time may be given to complete the scan sheets following identification of the insects.



Scoring

Order 2 pts/specimen
Common name 3 pts/specimen
Metamorphosis 1 pt/specimen
Mouthparts 1 pt/specimen
Sig. to people 1 pt/specimen
Total

Individual 1,100 points
Team 3,300 points

Significance

The significance of any insect to people in agriculture, medicine, etc. is of great practical importance. Most insects are not harmful; in fact, many are considered beneficial. For this reason, people should know the difference between pest insects and beneficial insects. Also, some insects cannot be classified as either pest or beneficial. These insects are neutral or variable as far as people are concerned. Failure to discriminate among these insects can lead to serious economic losses and other problems.