



4-H Entomology Level 3 (Grades 9-12)

Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of June to exhibit each project at the fair.
Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

Years in 4-H _____ Grade _____ Years in Project _____

From the Ground Up

What is hemolymph and how does it compare to humans? _____

Describe how a Giant Scavenger Beetle's legs differ from a locust or grasshopper. _____

Explain how a dichotomous keys aids in insect identification (ie. how does it work?). _____

Exploring the World

Name one insect from each of the families listed below.

- Collembola: _____
- Dermaptera: _____
- Diptera: _____
- Ephemeroptera: _____
- Homoptera: _____
- Isoptera: _____
- Mantodea: _____
- Megaloptera: _____
- Neuroptera: _____
- Odonata: _____
- Phasmatodea: _____
- Piecoptera: _____
- Siphonaptera: _____
- Thysanoptera: _____
- Trichoptera: _____

Flying High

Does Indiana have a state insect? _____ If yes, what is it? _____

Which exhibit did you choose this year? Insect Collection Educational Poster

If you chose insect collection, how many insects will you display this year? _____

If you chose educational poster, describe the theme you plan to use for your poster. _____

We do not necessarily care what you spent constructing your exhibit, but it is good for you to understand that things have a cost. Even poster boards are not free. Approximately how much did you spend constructing your exhibit or think you'll spend once it is complete?

\$0.00-\$5.00 \$5.00-\$15.00 \$15.00-\$30.00 \$30.00-\$50.00 Greater than \$50.00

What is your favorite insect, and why is it your favorite? _____

Insect Investigator

What is an invasive insect that can be found in Indiana? _____

Why is this insect detrimental? _____

Name one native and one non-native insect to Indiana. What damage, if any, do they cause physically or economically? _____

Name three colleges or universities in which you could study entomology.

1. _____
2. _____
3. _____

What is one thing you learned or sparked your interest as a result of completing this project? _____

In what way does this project apply to your life, or why is this subject matter important to you? _____