

# BUG PROJECT INSTRUCTIONS

## 1<sup>ST</sup> - Collect a bunch of different species of insects.

- Collect insects. (record the date and location, this will be needed for the labels later)
- Kill the insects. (Placing an insect in the freezer for a few hours should kill it)
- Pin the insects. Insects should be placed on the pin about 5 mm from the top (1/4 inch)

The insects must be pinned while still fresh, if frozen allow 30 minutes to thaw before pinning.

Warning - - old/dry insects will fall apart during pinning and produce poor specimens (and low scores).

## 2<sup>ND</sup> Identify the common name of each insect species and the Order it belongs to.

The common names and Orders of your insects can be determined using the insect field guides (books) found in the library, Mr. Gillam's room (1012) and Mr. Henderson's room (1013).

For more information go to: <http://gillambiology.weebly.com/insect-project.html>

## 3<sup>RD</sup> Create a label (4 or 6 font) for each insect. (place it on the pin, **NOT** on the board)

(about 10mm (1/2 inch) below the insect)

The label must be typed and include:

### location, date, common name

Print your labels with a computer no bigger than

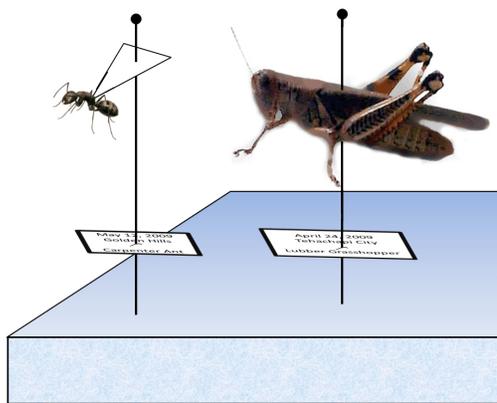
this example label.



Trim off extra paper!

May 12, 2001  
Golden Hills  
Bumble Bee

Pin through center!



## 4<sup>TH</sup> Figure out the Order of each insect and place it on the 12in by 12in bug board.

Pin a BUG-BOARD cover paper to your board and place your pinned insects in the correct areas.

## 5<sup>th</sup> - Create an index to your bug collection.

Create a list of your insects indicating each bug's common name and pin location (number on the board).

This index should be about 3 inches wide so that it can be pinned onto the board to the right of your insects.

The bugs should be listed from lowest number to highest and divided into sections based on Orders.

There is an example in Mr. Gillam's room and at <http://gillambiology.weebly.com/insect-project.html>

## 6<sup>TH</sup> --- Turn in you Bug Project on (or before)



### **SCORING PROCEDURE** (full credit = 340 points) (24 bugs and 7 orders)

This project is worth 10% or the semester grade.

50 points: condition and appearance of bugs/labels.

30 points: index to the insects of your collection.

5 points: for each unique insect species (correct name / label / order)

2 points: for each BAD BUG (incorrect and non-insects)

20 points: for each insect order.

**subtract 20 points for each day late.**

This assignment is worth 340 points, however, you may get **extra-credit** for having extra bug species.

**(Max score = 400 points)**