



# ENTOMOLOGY TIP SHEET

General/Natural  
Resources Projects

## Literature Needed:

### Leader Literature

Leader's Guide -- All Units  
MD1500B Entomology, Units 1-7 Jr./Int./Sr.  
MT3300 Self Determined Guide, Unit 7  
RD1500 Entomology Workbook, Units 1-7

### Member Literature

MD1500B Entomology, Units 1-7 Jr./Int./Sr.  
RD1500 Entomology, Units 1-7 Jr./Int./Sr.  
MT3300 Self Determined Guide, Unit 7 Jr./Int./Sr.

Exhibit Requirements can be found at:

[http://www.colorado4h.org/projects\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/projects_resources/StateFairExhibitReq.pdf)

Score Sheets can be found at:

[http://www.colorado4h.org/events\\_opportunities/state\\_fair/score\\_sheets/index.php](http://www.colorado4h.org/events_opportunities/state_fair/score_sheets/index.php)

e-Record can be found at:

[http://www.colorado4h.org/projects\\_resources/erecords/index.php](http://www.colorado4h.org/projects_resources/erecords/index.php)

## Project Tips:

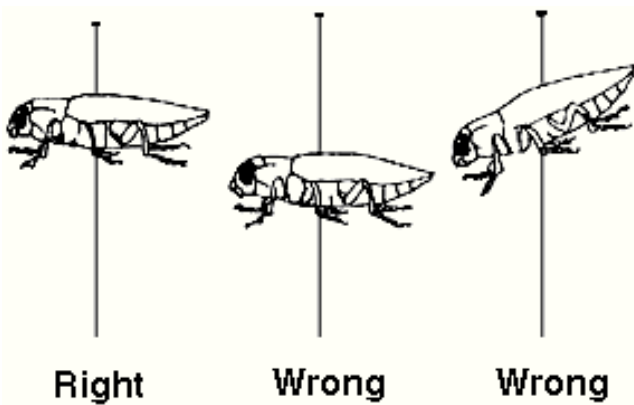
- Completed e-record and entomology workbook in a sturdy binder
- Acceptable sizes of Entomology Display Boxes (these box sizes are in either the manual or the workbook):
  - 12W x 16L x 3" Deep
  - 12W x 18L x 3 1/2" Deep
  - 18W x 24L x 3 1/2" Deep
  - All commercially available display cases are acceptable
- Standard insect pins are required for all units
- Unit 7, which is a self-determined project, needs to include these items:
  - Select a topic of your choice and decide what your goals will be (i.e. studying a rare insect)
  - Record your goals and plan of action in the e-record
  - Record in the e-record any costs incurred and any inventory of tools or equipment used
  - Additional supportive materials may be put in the sturdy binder with the e-record
- Enter your project in the county fair
- Share information learned in talks and displays

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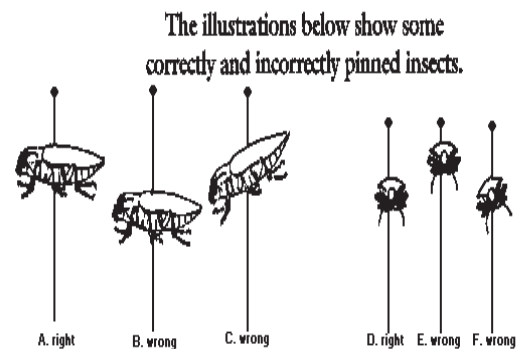
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## Judging Criteria:

- Completeness of answers for each question in the workbook
- E-record includes demonstrations, talks, story and pictures, with at least one action shot of you doing your project
- Neatness and organization
- Proper pinning, using insect pins
- Quality of insects (no missing parts)
- Your story about what you have learned over the past year
- Incorrect identification and improper or sloppy labeling will be counted down
- If there are no, or only a few, new insects collected for the current year, the project will be marked down
- The exhibit should contain the required number of insects
- Display boxes will lose points for: incorrect identification, improper or sloppy labeling, improper pinning and disorganized collection.



**Figure 4. Placement of the pin.**



**Illustrations of right & wrong methods of pinning:**

- |   |   |
|---|---|
| A. correct height & position for specimen | D. correct height & position for specimen |
| B. insect too low on the pin              | E. insect too high on the pin             |
| C. insect tilted on pin                   | F. insect tilted on the pin               |