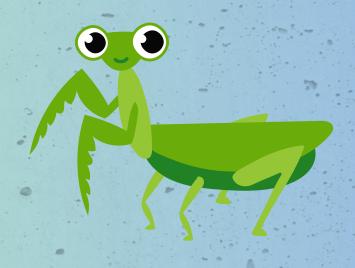
# AGRONOMY INSECT







(Revised 2025)

# **Procedures**

### A. Identification - 240 points (48 Specimens at 5 points each)

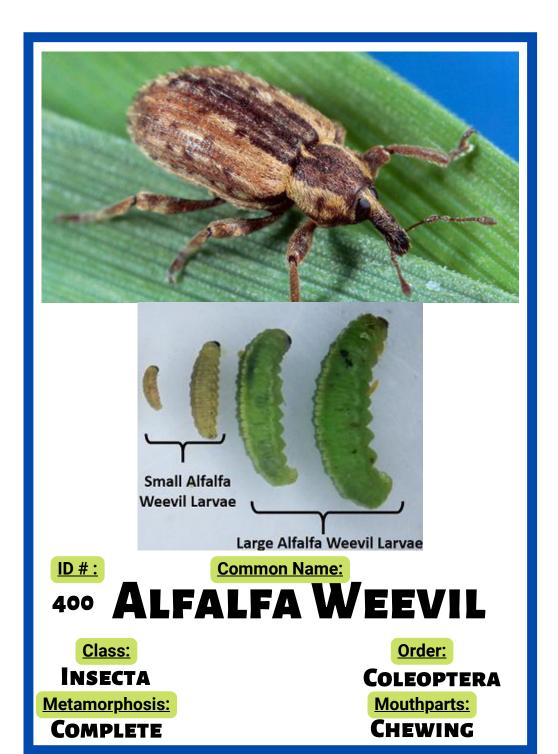
Students will identify 20 plant specimens, 20 seed specimens, and 8 farm equipment specimens. Ideally, the plants should be live specimens and can represent any stage of development. However, they could be press mounts or photographs. Plant specimens should be equally divided between crop and weed plants. Each seed specimen must be real seed, no photographs of seeds. Seed specimens should be equally divided between crop and weed seeds. Specimens can only come from the ID list's provided. Each specimen will be worth five points.

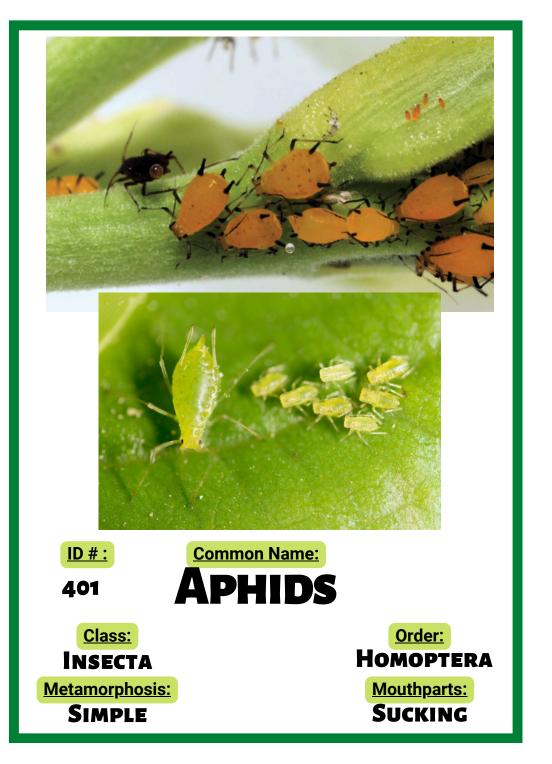
# **B. Placing Classes- 150 points (3 Classes at 50 points each)**

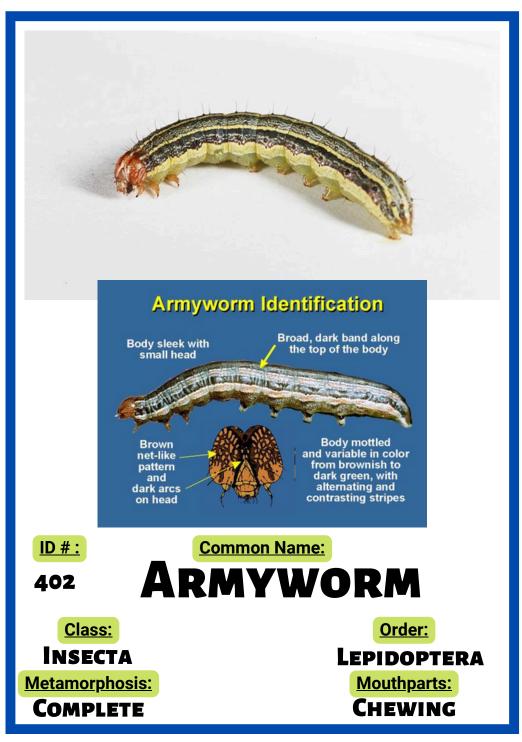
There will be three placing classes each having four samples. Students will rank the four samples in proper order based on quality, uniformity, and shelf life of each sample. One class will be representative of each of the following categories; grain crops (seed samples), forage crops (loose or baled hay or green chop), and fruit or vegetable crops (fruits, berries, leaves, tubers etc). Class specimens will only be chosen from the provided "Crops ID List".

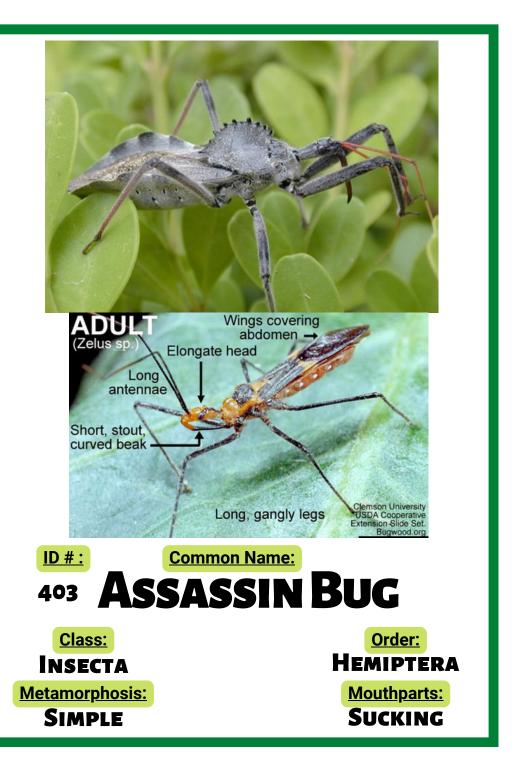
## C. Insect Identification - 120 points (5 specimens totaling 24 points each)

This component will consist of identifying insects. Additionally students will have to identify characteristics related to the individual insect. Students will identify five insects (8 points each) along with the following characteristics for each insect identified: Life cycle of each specimen (8 points each), and Mouth part of each specimen (8 points each).













ID #:

**Common Name:** 

404

BEAN WEEVIL

Class:

INSECTA

**Metamorphosis:** 

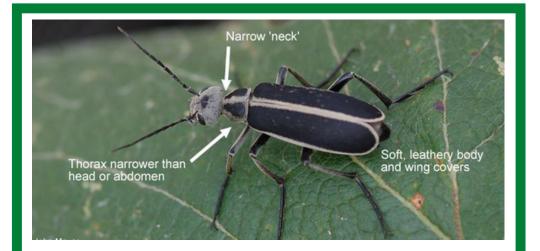
COMPLETE

Order:

**COLEOPTERA** 

**Mouthparts:** 

CHEWING





ID #:

**Common Name:** 

405 BLISTER BEETLE

Class:

INSECTA

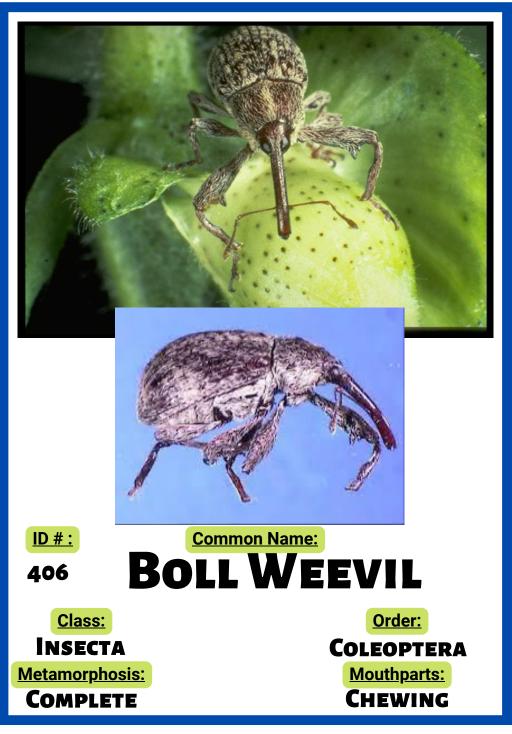
<u>Metamorphosis:</u>

COMPLETE

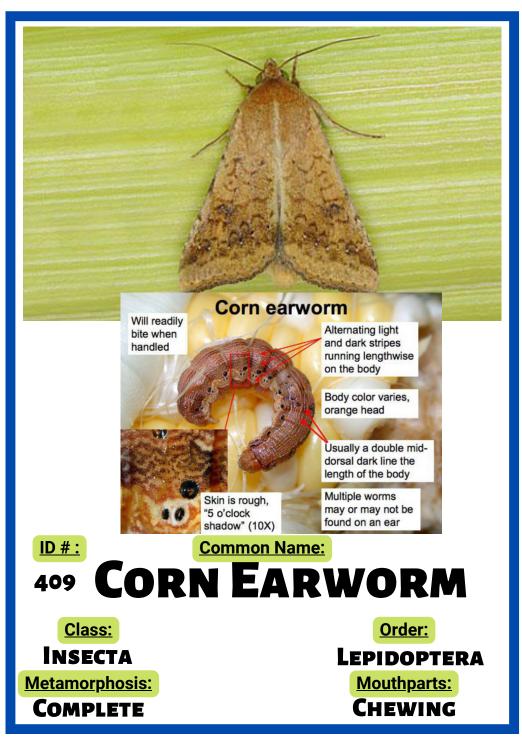
Order:

COLEOPTERA

**Mouthparts:** 











ID #:

**Common Name:** 

410

CRICKET

**Class:** 

INSECTA

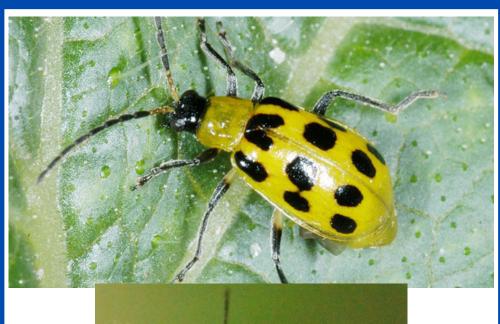
<u>Metamorphosis:</u>

SIMPLE

Order:

**ORTHOPTERA** 

**Mouthparts:** 





ID #:

**Common Name:** 

# 411 CUCUMBER BEETLE

Class:

INSECTA

**Metamorphosis:** 

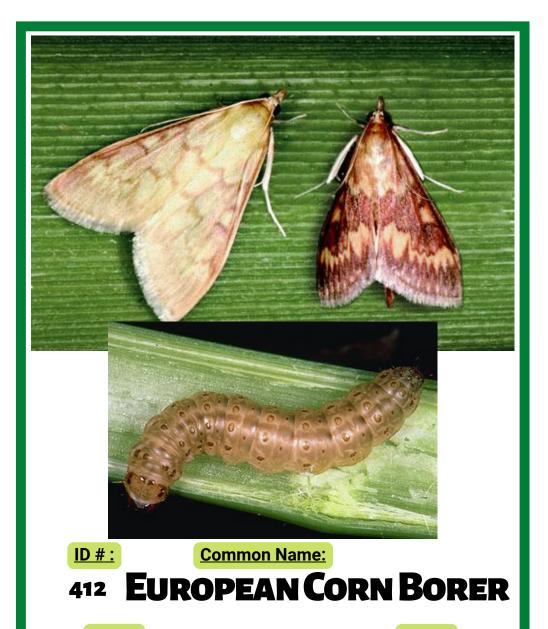
COMPLETE

Order:

COLEOPTERA

**Mouthparts:** 

CHEWING



Class:

INSECTA

**Metamorphosis:** 

COMPLETE

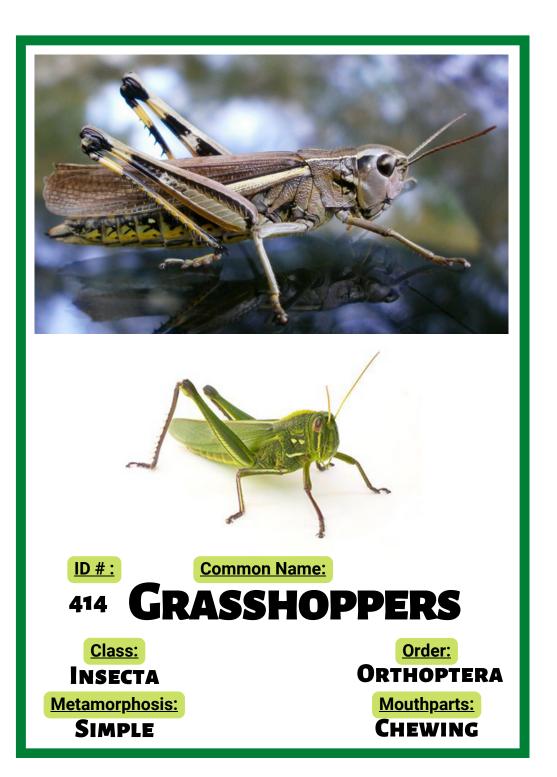
Order:

**LEPIDOPTERA** 

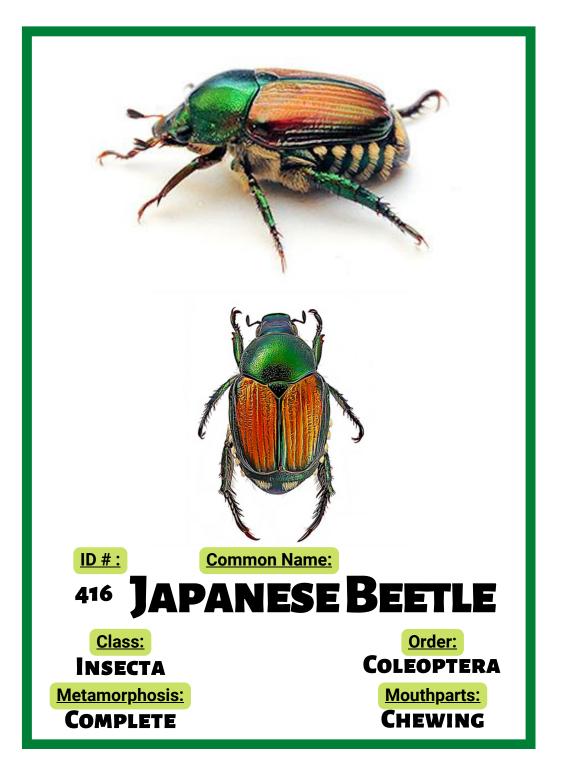
**Mouthparts:** 

**COMBINATION** 













<u>ID # :</u>

**Common Name:** 

417

LACEWING

Class:

INSECTA

**Metamorphosis:** 

COMPLETE

Order:

**NEUROPTERA** 

**Mouthparts:** 







<u>ID#:</u>

**Common Name:** 

419

**LEAFHOPPER** 

Class:

INSECTA

**Metamorphosis:** 

**SIMPLE** 

Order:

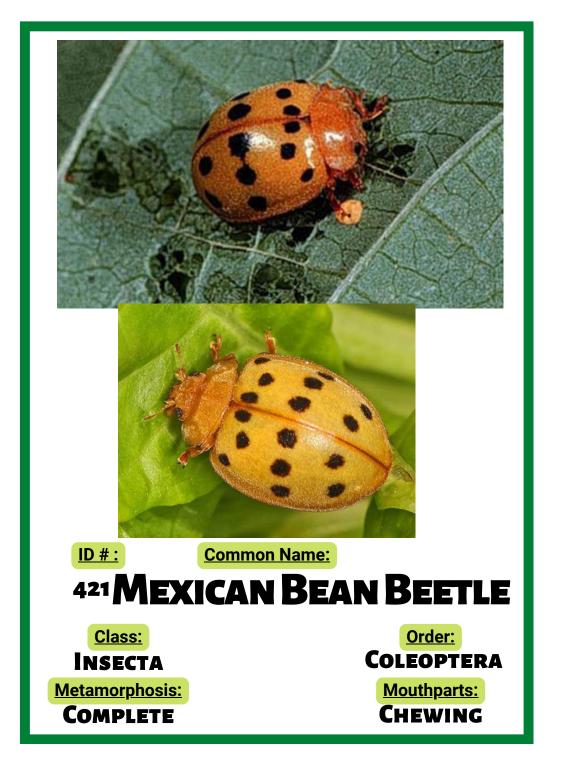
**HEMIPTERA** 

**Mouthparts:** 

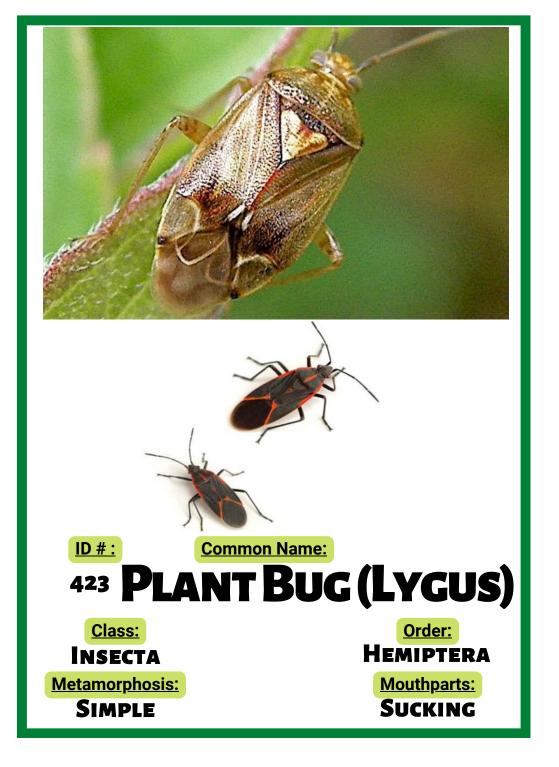
SUCKING















<u>ID # :</u>

**Common Name:** 

430 SAWTOOTH GRAIN BEETLE

Class:

INSECTA

**Metamorphosis:** 

COMPLETE

Order:

**COLEOPTERA** 

**Mouthparts:** 

