

**Insect Collection Grading**

**Taxonomic and ecological representation**

Number of orders accurately identified (5 points per order; max. 75 pts.):	75
Number of families accurately identified (4 points per family, max. 240 pts.):	240
Average number of <u>specimens</u> per “diversity” family x 10 (max. 50pts.; count no more than 8 specimens for each family)	50
Avg. # of <u>species</u> per “diversity” family x 10 (max. 50 pts. - no limit per family)	50
Ecological representation (5 points per category, max. 60)	60
<u>Subtotal</u>	<u>475</u>

**Condition of specimens**

All specimens labeled	10
Specimen height on pin	6
Label orientation: read from head	3
Height of label(s)	4
Complete information (locality, date, collector) on all labels	15
Labels printed neatly	10
Specimens level and firmly attached to pin	10
Pin in proper location in specimens	10
Pointed specimens properly mounted	3
Lepidoptera: wings spread properly	10
General condition (insects not broken or drooping)	10
Alcohol specimens properly labeled and curated	4
<u>Subtotal</u>	<u>95</u>

**Organization of collection**

Insect heads toward box hinge	2
Orders and families arranged phylogenetically in four to six columns per box	4
Presentation beginning in upper left hand corner of box	2
Order names (properly spelled) printed neatly on separate labels	10
Family names (properly spelled) printed neatly on separate labels	10
Pins firmly pushed into pinning surface	2
Ecological representatives indicated by separate, clearly printed labels	4
Inventory list of orders and families turned in with the collection	20
<u>Subtotal</u>	<u>50</u>

**TOTAL POSSIBLE POINTS**

**620**

**\*\*\*Misidentified specimens: -3 points each\*\*\***

**NOTE:** When you turn in your collections, PLEASE BE SURE TO TURN IN THE FOLLOWING ITEMS:

- NETS
- KILLING JARS
- EYE DROPPER BOTTLE
- OBSERVATION BLOCKS
- PINNING BLOCKS
- SPREADING BOARDS
- UNUSED VIALS
- 15ml COLLECTING TUBE
- WATCH GLASS

If you choose not to keep your collection, I will gladly incorporate your specimens into the WWU insect collection. If you do keep your collection, remember to fumigate it with moth balls every 12 months, to keep pests from destroying the specimens.