

**DEPARTMENT 16**  
**NATURAL SCIENCE**  
**ENVIRONMENTAL EDUCATION**

*Superintendents: Derek Gensch 920-763-5521; Diane Neff 920-887-8355*

**Entry Day:** Tuesday of Fair Week – checked in by 7:00pm  
**Judging Day:** Thursday 9:00 am  
**Judging Location:** Youth Building

-All displays must be mounted on a sturdy base. All displays must be movable as a single unit.

-All displays must be self supporting.

-All displays must be no larger than 48"x36".

**-Displays which do not follow these rules will be disqualified.**

**-No posters or displays may be entered under "Any other exhibit relating to project."**

**NOTE:** Bird nests, songbird or protected bird species feathers, hives, etc. **MAY NOT** be exhibited!

Legally harvested game bird feathers may be exhibited (i.e. Canada Goose, Wild Turkey, Mallard, Pheasant, etc.)

All exhibits **MUST** be the work of the individual exhibitor!

**-AWARDS & SPONSORS WILL BE POSTED AT THE FAIR-**

**CLASS A - BIRDS**

1. Scrapbook: describe appearance/habits of 20 birds
2. Birdhouse you have made. (No perches)
3. Birdfeeder you have made
4. Poster (14"x22") relating to project (*2 dimensional only*)
5. Display relating to project (*3 dimensional; not a poster*)
6. Any other exhibit relating to project

**Premium – Face-to-Face Judging \$2.50 \$2.25 \$2.00 \$1.75**

**CLASS B – FISHING**

**NOTE:** All fishing hook points **MUST** be covered with corks or tape for safety.

1. Scrapbook relating to project
2. Poster (14"x22") relating to project (*2 dimensional only*)
3. Display relating to project (*3 dimensional; not a poster*)
4. Any other exhibit relating to project

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**CLASS C - ENTOMOLOGY [Insects/Butterflies]**

*-Insects MUST be collected during **CURRENT** year except #3 & #4*

*-Insect Collections need to include COMMON name,*

*SCIENTIFIC name, DATE collected and WHERE collected*

1. **1st Year Members** - Collection of 10 insects (Grades 3-8)
2. **1st Year Members** - Collection of 15 insects (Grade 9 & Up)
3. **Members enrolled for 2nd yr or more** - Collection of 15 insects (5 or more collected during current year) (Grades 3-8)
4. **Members enrolled for 2nd yr or more** - Collection of 20 insects (*8 or more collected during current year*) (Grade 9 & up)
5. Collection of different types of insect injuries to plants (*4 different types of plants*)
6. Display showing life cycle of an insect  
*Include eggs, larvae, and adults of the same insect*
7. Poster (14"x22") relating to project (*2 dimensional only*)
8. Scrapbook relating to project
9. Any other exhibit relating to project

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## **CLASS D - FORESTRY**

-Specimen and Collections **MUST** be from **CURRENT YEAR**.

-Youth in the Maple Syrup project may enter under lots 3 & 11.

1. Prepare/mount lumber specimen from 5 native Wisconsin trees *Include name of wood, important properties/uses, dates and place of collection (Grades 3-8)*
2. Prepare/mount lumber specimen from 10 native Wisconsin trees *Include name of wood, important properties and uses, dates and place of collection (Grades 9 & Up)*
3. Special tree study *Chart showing annual life history of a selected tree*
4. Collection of 5 tree flowers and 5 tree seeds mounted & named *(Grades 3-8)*
5. Collection of 10 tree flowers and 10 tree seeds mounted & named *(Grade 9 & Up)*
6. Exhibit of foliage from 10 trees of commercial value in Wisconsin *(Grades 3-8)*
7. Exhibit of foliage from 15 trees of commercial value in Wisconsin *(Grade 9 & Up)*
8. Poster (14"x22") relating to project *(2 dimensional only)*
9. Scrapbook relating to project
10. Display relating to project *(3 dimensional; not a poster)*
11. Maple Syrup – 1 pint jar (to be opened by judge for tasting)
12. Any other exhibit

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## **CLASS E - WILDFLOWERS**

**\*\* Wildflower exhibits will be DISQUALIFIED if endangered wildflowers are used!\*\***

1. Collection of 10 wildflowers mounted/named *(Grades 3-8)*
2. Collection of 15 wildflowers mounted/named *(Grade 9 & Up)*
3. Single wildflower blossom pressed/mounted, labeling all parts; or a drawing of one labeling all parts
4. Poster (14"x22") relating to project *(2 dimensional only)*
5. Display relating to project *(3 dimensional; not a poster)*
6. Scrapbook relating to project
7. Any other exhibit relating to project

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## **CLASS F - BEES**

1. One pound jar of #1 White Honey
2. One pound jar of #1 Golden Honey
3. One pound jar of Dark Honey
4. A Comb of Honey
5. Poster (14"x22") relating to project *(2 dimensional only)*
6. Scrapbook relating to project
7. Display relating to project *(3 dimensional; not a poster)*
8. Any other exhibit related to project

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## **CLASS H - SHOOTING SPORTS**

-**NO** real guns or live ammunition allowed for fair exhibits.

-**NO** sharpened broadheads.

-**All sharp edges covered. All points blunted. SAFETY FIRST!**

-**See general information at beginning of Dept. 16 Natural Science.**

### **SHOOTING SPORTS-Archery**

1. Poster (14"x22") relating to Archery project *(2 dimensional only)*
2. Scrapbook relating to Archery project
3. Display relating to Archery project *(3 dimensional; not a poster)*
4. Any Other Exhibit relating to Archery project

**SHOOTING SPORTS-22 Rifle/Pellet Gun**

- 5. Poster (14"x22") relating to Fire Arms project (*2 dimensional only*)
- 6. Scrapbook relating to Fire Arms project
- 7. Display relating to Fire Arms project (*3 dimensional; not a poster*)
- 8. Any Other Exhibit relating to Fire Arms project

**SHOOTING SPORTS-Shotgun**

- 9. Poster (14"x22") relating to Fire Arms project (2 dimensional only)
- 10. Scrapbook relating to Fire Arms project
- 11. Display relating to Fire Arms project (3 dimensional; not a poster)
- 12. Any Other Exhibit relating to Fire Arms project

**SHOOTING SPORTS-.22 Pistol/Air Pistol**

- 13. Poster (14"x22") relating to Fire Arms project (2 dimensional only)
- 14. Scrapbook relating to Fire Arms project
- 15. Display relating to Fire Arms project (3 dimensional; not a poster)
- 16. Any Other Exhibit relating to Fire Arms project

**SHOOTING SPORTS-Muzzleloading**

- 17. Poster (14"x22") relating to Fire Arms project (2 dimensional only)
- 18. Scrapbook relating to Fire Arms project
- 19. Display relating to Fire Arms project (3 dimensional; not a poster)
- 20. Any Other Exhibit relating to Fire Arms project

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**CLASS I - WILDLIFE MANAGEMENT**

-Open to Shooting Sports, Hunting, and Wildlife Management Project members

- 1. Poster (14"x22") relating to Wildlife Management (2 dimensional only)
- 2. Scrapbook relating to Wildlife Management
- 3. Display relating to Wildlife Management (3 dimensional; not a poster)
- 4. Any Other Exhibit relating to Wildlife Management

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**CLASS J – ANY OTHER NATURAL SCIENCE PROJECT**

-Open to any member enrolled in a Natural Science Project not listed including: Adventures, Backpacking/Hiking, Bicycling, Canoeing, Exploring Your Environment, Hunting, Maple Syrup, Recycling, Skiing, Water, Winter Travel, etc. Maple Syrup project members may also enter under Class D Lots 3 & 11.

- 1. Poster (14"x22") relating to project (2 dimensional only)
- 2. Scrapbook relating to project
- 3. Display relating to project (3 dimensional; not a poster)
- 4. Any other exhibit relating to project

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**CLASS K – 4-H SUMMER CAMP AT UPHAM WOODS**

-Open to 4-H members who attended 4-H Summer Camp at Upham Woods in the current 4-H year.

- 1. Poster (14"x22") relating to 4-H Summer Camp at Upham Woods (*2 dimensional only*)
- 2. Scrapbook relating to 4-H Summer Camp at Upham Woods
- 3. Display relating to 4-H Summer Camp at Upham Woods (*3 dimensional; not a poster*)
- 4. Any Other Exhibit relating to 4-H Summer Camp at Upham Woods

**Premium - Face-to-Face Judging      \$2.50   \$2.25   \$2.00   \$1.75**