

## **NATURAL RESOURCES**

Superintendent: Mary Petz (810) 689-6719

Assistant Superintendent: Nicole Ward (810) 650-4903

Premiums: A=\$4; B=\$2; C=No Premiums

**Judging: Monday at 1:00 p.m.**

Location: Still Exhibit Barn

### **Project Requirements**

1. All exhibits must be at Fairgrounds by 1 p.m. on Monday of the fair. They will be judged Monday afternoon.
2. Select division and class that corresponds with the project you are taking.
3. Exhibitor must be interviewed as part of the exhibit.
4. Each exhibit must include, and index; List of References used and a Project Story.
5. Call Extension 4-H office for project books for forestry, wildflowers, birds, mammals and fish. Project books will be subject to fee.
6. Once exhibitor is judged, leave judging area.
7. Use poster size 22"x 28" or 22"x 14" when preparing projects.
8. Projects must be completed by exhibitor, including insect collection.
9. Individual projects ages 8-10 may be expanded upon. Need complete new project for ages 11-18.

### **DIVISION 3201 – CONSERVATION**

**Class 01** - Individual - basic conservation project - 8-12 yrs.

**Class 02** - Individual - basic conservation project - 13-19 yrs.

**Class 03** - Club - basic conservation project

**Class 04** - Individual - threatened or endangered natural resources project.

**Class 05** - Club - threatened or endangered natural resources project.

**Class 06** - Individual - recycling project (includes composting projects).

**Class 07** - Club - recycling project (includes composting projects)

### **DIVISION 3202 – WATER**

**Class 09** - Individual project - 8-12 yrs.

**Class 10** - Individual project - 13-19 yrs.

**Class 11** - Club project

### **DIVISION 3203 – SOIL**

**Class 13** - Individual project - 8-12 yrs.

**Class 14** - Individual project - 13-19 yrs

**Class 15** - Club project

### **DIVISION 3204 – AIR**

**Class 17** - Individual project, 8-12 yr. olds

**Class 18** - Individual project, 13 yrs. & over

**Class 19** - Club project

### **DIVISION 3205 – PLANTS**

Requires photos, hand-drawn pictures.

**Class 21** - Forestry I, 8-12 yr. olds

**Class 22** - Forestry II, 13-14 yr. olds

**Class 23** - Forestry III, 15 yrs. & over

**Class 24** - Advanced study – other (Examples, mushrooms, herbs)

**Class 25** - Club project

### **Tree Planting**

**Class 27** - Individual project, 8-12 yr olds.

**Class 28** - Individual project, 13yrs. & over

**Class 29** - Club project

### **Wildflowers**

**Class 31** - Wildflowers I, 8-12 yr. olds

**Class 32** - Wildflowers II, 13-14 yr. olds

**Class 33** - Wildflowers III, 15 yrs. & over

## **DIVISION 3206 – WILDLIFE**

### **Birds**

**Class 35** - Birds I, 8-12 yr. olds

**Class 36** - Birds II, 13-14 yr. olds

**Class 37** - Birds III, 15 yrs. & over

**Class 38** - Bluebird study

### **Mammals**

**Class 40** - Mammals I, 8-12 yr. olds

**Class 41** - Mammals II, 13-14 yr. olds

**Class 42** - Mammals III, 15 yrs. & over

### **Fish**

**Class 44** - Fish I, 8-12 yr. olds

**Class 45** - Fish II, 13-14 yr. olds

**Class 46** - Fish III, 15 yrs. & over

**Class 47** - Advanced Study

### **Marine Biology**

**Class 49** - Marine Biology I, 8-12 yr. olds

**Class 50** - Marine Biology II, 13-14 yr. olds

**Class 51** - Marine Biology III, 15 yrs. & over

**Class 52** - Advanced Study

## **DIVISION 3207 – CHALLENGE**

**Class 54** - Individual Project

**Class 55** - Club Project

## **DIVISION 3208 – ENTOMOLOGY**

1. All exhibits must be checked in at fairgrounds by 1 p.m. on Monday of the fair.

2. A standard exhibit box should be 18"x 24" x 3 1/2". Select division and class number that corresponds with the project you are taking.

3. Use of proper insect pins. Contact Superintendent for source.

4. Suggested use of Peterson's Guide for labeling of insects. Need to include date specimen was obtained and order it represents on tag.

**Class 57** - Entomology I; 15 or more adult, labeled insects representing as many orders as possible. Maximum credit is given for 8 orders. Ages 8-11

**Class 58** - Entomology II; 30 or more adult, labeled insects representing as many orders as possible. Maximum credit is given for 11 orders. Ages 12 - 14

**Class 59** - Entomology III; 60 or more adult, labeled insects representing as many orders as possible. Maximum credit given for 14 orders. Ages 15 - 16

**Class 60** - Entomology IV; 90 or more adult or immature insects suitably preserved and labeled in two standard exhibit boxes, in as many orders as possible. Ages 17 - 19

**Class 61** - Plastic Embedments I; Exhibit 15 to 25 embedments.

**Class 62** - Plastic Embedments II: Exhibit 40 or more embedments.

**DIVISION 3209 - ENTOMOLOGY (EDUCATIONAL DISPLAY)**

**Class 65** - 8 -12 yr. olds

**Class 66** - 13 yrs. and over

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