

## **NATURAL RESOURCES**

Superintendent: Mary Petz (810) 689-6719

Assistant Superintendent: Nicole Ward (810) 650-4903

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

Location: Still Exhibit Barn

**Judging Drop Off: Exhibits must be dropped off on Friday, July 17 from 4-8 p.m. for judging. No live interviews. Pick up on Saturday, July 24 from 10-11 p.m. or Sunday, July 25 from 8-9 a.m. Projects with awards displayed in Still Barn during fair.**

### **Project Requirements**

1. Select division and class that corresponds with the project you are taking.
2. Each exhibit must include, and index; List of References used and a Project Story.
3. Call Extension 4-H office for project books for forestry, wildflowers, birds, mammals and fish. Project books will be subject to fee.
4. Use poster size 22"x 28" or 22"x 14" when preparing projects.
5. Projects must be completed by exhibitor, including insect collection.
6. 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. old

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. old

Class 22 - Forestry II, 13-14 yr. old

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. old

Class 28 - Individual project, 13yrs. & over

Class 29 - Club project

### **Wildflowers**

Class 31 - Wildflowers I, 8-12 yr. old

Class 32 - Wildflowers II, 13-14 yr. old

Class 33 - Wildflowers III, 15 yrs. & over

### **DIVISION 3206 – WILDLIFE**

#### **Birds**

Class 35 - Birds I, 8-12 yr. old

Class 36 - Birds II, 13-14 yr. old

Class 37 - Birds III, 15 yrs. & over

Class 38 - Bluebird study

#### **Mammals**

Class 40 - Mammals I, 8-12 yr. old

Class 41 - Mammals II, 13-14 yr. old

Class 42 - Mammals III, 15 yrs. & over

#### **Fish**

Class 44 - Fish I, 8-12 yr. old

Class 45 - Fish II, 13-14 yr. old

Class 46 - Fish III, 15 yrs. & over

Class 47 - Advanced Study

#### **Marine Biology**

Class 49 - Marine Biology I, 8-12 yr. old

Class 50 - Marine Biology II, 13-14 yr. old

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. 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.

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

3. 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. old

Class 66 - 13 yrs. and over