



DEPARTMENT 70 - YOUTH

NATURAL RESOURCES

Superintendent: Sally Lichota, (810) 325-1600

Assistant Superintendent: Mary Petz, (810) 327-6234

Premiums: A=\$2; B=\$1.25; C=No Premiums

Judging: Tuesday at 1:00 p.m.

Location: Still Exhibit Barn

Objective: Learn what natural resources are; how & why they exist; how they interrelate with each other, the environment & people; Also to provide an opportunity for youth to learn more about the science of entomology, beekeeping, conservation and conservation topics.

Fair Exhibit Requirements

1. All exhibits must be at Fairgrounds by 1 p.m. on Tuesday of the fair. They will be judged Tuesday afternoon.
2. Select section 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.

SECTION 1 – CONSERVATION

Class 01 - Individual - basic conservation project - 8-10 yrs.

Class 02 - Individual - basic conservation project - 13-18 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)

SECTION 2 – WATER

Class 09 - Individual project - 8-10 yrs.

Class 10 - Individual project - 11-18 yrs.

Class 11 - Club project

SECTION 3 – SOIL

Class 13 - Individual project - 8-10 yrs.

Class 14 - Individual project - 11-18 yrs

Class 15 - Club project

SECTION 4 – AIR

Class 17 - Individual project, 8-10 yr olds

Class 18 - Individual project, 11 yrs. & over

Class 19 - Club project

SECTION 5 – PLANTS

Class 21 - Forestry I, 8-10 yr. olds

Class 22 - Forestry II, 11-13 yr. olds

Class 23 - Forestry III, 14 yrs. & over

Class 24 - Advanced study

Class 25 - Club project

Tree Planting

Class 27 - Individual project, 8-10 yr olds.

Class 28 - Individual project, 11yrs. & over-18 yr. olds

Class 29 - Club project

Wildflowers

Class 31 - Wildflowers I, 8-10 yr. olds

Class 32 - Wildflowers II, 11-13 yr. olds

Class 33 - Wildflowers III, 14 yrs. & over

SECTION 6 – WILDLIFE

Birds

Class 35 - Birds I, 8-10 yr. olds

Class 36 - Birds II, 11-13 yr. olds

Class 37 - Birds III, 14 yrs. & over

Class 38 - Bluebird study

Mammals

Class 40 - Mammals I, 8-10 yr. olds

Class 41 - Mammals II, 11-13 yr. olds

Class 42 - Mammals III, 14 yrs. & over

Fish

Class 44 - Fish I, 8-10 yr. olds

Class 45 - Fish II, 11-13 yr. olds

Class 46 - Fish III, 14 yrs. & over

Class 47 - Advanced Study

Marine Biology

Class 49 - Marine Biology I, 8-10 yr. olds

Class 50 - Marine Biology II, 11-13 yr. olds

Class 51 - Marine Biology III, 14 yrs. & over

Class 52 - Advanced Study

SECTION 7 – CHALLENGE

Class 54 - Individual Project

Class 55 - Club Project

SECTION 8 – ENTOMOLOGY

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

2. A standard exhibit box should be 18"x 24" x 3 1/2". Select section 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 9-11

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.

SECTION 9 - ENTOMOLOGY (EDUCATIONAL DISPLAY)

Class 65 - 8 -12 yr. olds

Class 66 - 13 yrs. and over

SECTION 10 – BEEKEEPING

Class 68 - Beekeeping - 2 one-pound jars of extracted honey labeled light or dark

Class 69 - Beekeeping - 2 one-pound jars of liquid or "creamed" honey.

Class 70 - Beekeeping - 2 one-pound sections of comb honey.

Class 71 - Beekeeping- Single frame observation hive containing bees, brood and queen.

Class 72 - Beekeeping - Innovations and Science Project Educational display or notebook of material related to project display should not exceed 36" x 36".