Range Management
Department D, Division 330
Superintendents - Lori Walla
Jr. Superintendent -

General Information
A. Individuals in Reading the Range Unit 1 project may exhibit in Classes 330001-330005, and 330008.
B. Individuals in the Using Nebraska Range (Unit 2) project may exhibit in Classes 330001-330008.
C. Each exhibit must be properly identified with Unit and Class. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Refer to Scoresheet SF260. All plant displays and display covers must be the result of the current year's work.
D. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrubs, and grass-like plants) can be found in the Range Judging Handbook Contest Guide (EC 150, revised July 2009), Common Grasses of Nebraska (EC 170) and Common Forbs and Shrubs of Nebraska (EC 118).

Books
For books, plants must be mounted on sheets that are no larger than 14” wide x 14” high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: 1. Scientific name (in italics or underlined), with authority. 2. Common name. 3. County of collection. 4. Collection date. 5. Collector's name. 6. Collection number, indicating order that plants were collected. 7. Other information, depending on class selected, i.e., value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed neatly.

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Scientific name: *Schizachyrium scoparium* (Michx.) Nash

Common name: Little bluestem

County of collection: Hall County

Collection date: 6 August 2016

Collector’s name: Joe Smith

Collection number: 3

Value and Importance: Livestock Forage: High, Wildlife Habitat: High, Wildlife Food: Medium

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Classes
D330001* **Value and Importance for Livestock Forage and Wildlife Habitat and Food Book** – A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest guide (EC150, Revised July 2009) on pages 3 through 6. Plants can consist of any combination of grasses, grass-like plants, forbs or shrubs. Assemble plant mounts in order of high, medium and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, Wildlife Food.

D330002* **Life Span Book** - A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

D330003* **Growth Season Book** - A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.

D330004* **Origin Book** - A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.

D330005* **Major Types of Range Plants Book** - A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 shrubs.

D330006* **Range Plant Collection Book** – A collection of 12 range plant mounts with something in common (i.e. poisonous to cattle, historically used as food by Native Americans, dye plants, or favorite antelope forage, etc.) Include a short paragraph in the front of the book which describes what the plants have in common and why you have chosen to collect them.

DISPLAYS
The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28” x 28” on plywood or poster board. The display should be neatly titled.

D330007* **Parts of a Range Plant Poster** – Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner.

BOARDS
Display boards should be no larger than 30” wide by 36” tall or if hinged in the middle a maximum of 60” wide by 36” tall. Display boards should be adequately labeled.

D330008* **Range Plant Board** – Will include 25 range forage species important to a particular county.

D330009* **Special Study Board** - A display of the results of a clipping study, a degree of use study or a range site study.

D330010* **Junior Rancher Board** - This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management.

*State Fair eligible