2011 Utah Natural Resources Youth Camp
Schedule of Activities

Monday, July 25

12:00 pm	**Student arrival and check in** **Lunch, assignments to boys and girls cabins**
1:30 pm	**Introduction and Camp** **1. Instructors** **2. Students** **3. Camp Sponsor – Society for Range Management (SRM)** **4. Expectations, Goals, and Objectives of Camp** **a. Behavior** **b. Review of Week's Activities** **1) Notebooks** **2) Classroom and Field Activities** **3) Plant Identification and Plant Collections** **4) Soils and Ecological Sites** **5) Rangeland Inventory** **6) Rangeland Use and Management** **7) Tests** **c. Range Youth Forum at 2012 SRM Meeting**
2:30 pm	**Break and Getting to Know Each Other**
3:30 pm	**The Natural Resource System – The Ecosystem** **1. Abiotic Components of the Ecosystem** **a. Climate** **b. Topography** **c. Soils** **d. Water** **2. Kinds of Land** **a. Urban Land** **b. Crop and Pasture Land** **c. Forests** **d. Rangeland** **3. Biotic Components of the Rangeland Ecosystem** **a. Rangeland Plants** **1) Monocots and Dicots** **2) Grasses, Grass-likes, Forbs, Shrubs, and Trees** **3) Basic Identification** **4) Plant Keys**
5:00 pm	**Break, Dinner, and Free Time**
6:30 pm	**The Natural Resource System –The Ecosystem (continued)** **5) Identification of Plants around Camp** **6) Weeds, Noxious Weeds, and Poisonous Plants** **7) Collecting and Pressing Plants** **b. Rangeland Animals and Their Habitats** **1) Wildlife** **2) Domestic Livestock**
10:00 pm	**Lights Out**

Tuesday, July 26

6:00 am	**Wakeup, Showers, Breakfast**
8:00 am – 5:00 pm	**Rangeland Ecosystems – Field Trip** **1. Desert Ecosystems – Salt Desert Shrub** **a. Climate, Topography, and Soils** **b. Plant Identification and Collection** **c. Measuring Plant Cover** **d. Use and Management of Desert Ecosystems** **1) Wild and Domestic Animals** **2) Watershed** **3) Recreation** **4) Rangeland Improvements** **e. Range Judging Contest –Plant Identification and Site Evaluation** **2. Semi-Desert Ecosystems – Sagebrush and Juniper** **a. Climate, Topography, and Soils** **b. Plant Identification and Collection** **c. Measuring Plant Cover and Production** **d. Use and Management of Semi-Desert Ecosystems**
Lunch	**1) Wild and Domestic Animals** **2) Watershed** **3) Recreation** **4) Rangeland Improvement Practices** **e. Range Judging Contest –Plant Identification, Site Evaluation, and Habitat Evaluation for Domestic Grazers** **3. Upland Ecosystems – Sagebrush and Mountain Brush** **a. Climate, Topography, and Soils** **b. Plant Identification and Collection** **c. Measuring Plant Cover and Density** **d. Use and Management Upland Ecosystems** **1) Wild and Domestic Animals** **2) Watershed** **3) Recreation** **4) Rangeland Improvement Practices** **e. Range Judging Contest –Plant Identification, Site Evaluation, and Habitat Evaluation for Wildlife**
5:00 pm	**Break, Dinner, and Study for Test 1**
6:30 pm	**Putting Plants in Plant Presses**
7:30 pm	**Review and Discussion of Day 1 and 2 Activities** **Test 1** **Domestic Livestock Grazing Management** **1. Effect of Topography and Water Supply on Grazing** **2. Diet Preferences of Different Kinds of Livestock** **1. Grazing Systems** **2. Determining Stocking Rates**
10:00 pm	**Lights Out**

Wednesday, July 27

6:00 am	**Wakeup, Showers, Breakfast**
8:00 am – 5:00 pm	**Rangeland Ecosystems – Field Trip** **4. Mountain Ecosystems – Mountain Sagebrush** **a. Climate, Topography, and Soils** **b. Plant Identification and Collection** **c. Measuring Utilization** **d. Use and Management of Mountain Sagebrush Ecosystems** **1) Wild and Domestic Animals** **2) Watershed** **3) Recreation** **4) Rangeland Improvements** **e. Range Judging Contest – Plant Identification and Habitat Evaluation for Domestic Grazers**
Lunch	**5. Mountain Ecosystems – Aspen** **a. Climate, Topography, and Soils** **b. Plant Identification and Collection** **c. Measuring Tree Density** **d. Use and Management of Aspen Ecosystems** **1) Wild and Domestic Animals** **2) Watershed** **3) Recreation** **4) Rangeland Improvements** **e. Range Judging Contest –Plant Identification, Site Evaluation, and Habitat Evaluation for Wildlife** **5. Mountain Ecosystems – Riparian and Wetland** **a. Climate, Topography, and Soils** **b. Plant Identification and Collection** **c. Measuring Stream Bank Stability** **d. Use and Management of Riparian and Wetland Ecosystems** **1) Wild and Domestic Animals** **2) Watershed** **3) Recreation** **4) Rangeland Improvements** **e. Plant Identification Test**
5:00 pm	**Break, Dinner, and Study for Test 2**
6:30 pm	**Putting Plants in Plant Presses**
7:30 pm	**Review and Discussion of Day 1, 2, and 3 Activities** **Range Judging Contest – Stocking Rate and Management Recommendations** **Work on Plant Collections, Notebooks, and Study for "Final Exam"**
11:00 pm	**Lights Out**

Thursday, July 28

6:00 am	**Wakeup, Showers, Breakfast**
8:00 am	**Work on Plant Collections, Notebooks, and Study for "Final Exam"**
9:30 am	**Turn in Plant Collections and Notebooks**
	"Final Exam"
	Pack for Home and Clean-up Camp
12:00 pm	**Lunch**
	Awards
1:00 pm	**Leave for Home**