**Plant Collection**

**Botany**

The purpose of this assignment is to realize the diversity of native and introduced weedy

species in Siskiyou County and how weeds damage agricultural crops. Each student will

collect, press, dry, and mount 20 different plants and present them in order by **scientific**

**family name**. Additional data on each plant and families represented will be recorded

and supplied on each page. All information must be typed or word-processed in type

between 10-12 pt in Times New Roman or other similar font.

Format:

1. A cover page on plain white paper is required, no drawings or color.

Include collector’s name, course title, date and Etna FFA.

2. **A table of contents** will list each family name by scientific name in

alphabetical order and the beginning page of each family.

3. Each plant will be completely dried and mounted to plain white paper.

One dried, pressed specimen and its data will be placed on each page.

4. **Data on each specimen includes**:

a. Scientific name of the plant e. Main crops infested or

b. Common name of the plant damage potential (if a weed)

c. Location collected f. Type of habitat (if a

d. Date collected wildflower or native plant)

5. Each specimen must have the above labels plus the information

(example: Common name: Cheeseweed)

6. Arrange all plants according **to family** and place in one section

together, alphabetically. Include the following information in a

written paragraph, titled by scientific family name.

a. Scientific name of the family

b. Common name of the family

c. Useful members of the family

d. Characteristic traits common to all plants in the family

Grading:

1. 20 dried specimens are required at 6 points each = 120 points

2. Family data pages are worth 70 pts, table of contents and correctly

numbered pages are worth 30 pts, cover page is worth 20 pts

3. **This assignment is due on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and is worth 240 pts.**

**Projects turned in after this date lose 60 points per day.**

References:

The Audubon Society Field Guide to North American Wildflowers, by Spellenberg

The Growers Weed Identification Handbook, University of California

The Jepson Manual, Higher Plants of CA, Hickman, ed.

Manual of the Vascular Plants of Butte County, CA, by Oswald

National Audubon Society Field Guide to California, by Alden and Heath

Northwest Weeds, by Taylor

Peterson First Guides: Wildflowers, by R.T. Peterson

Range Plant Handbook, by USDA

Weeds of California. by Robbins

Weeds of the West, by Whitson of University or Wyoming