

CMG GardenNotes #104

Lab Worksheet: Step 2 – Identify the Problem(s)

The objective of this exercise is to give you experience diagnosing tree insects and diseases. It's the journey that is important, not the destination.

For this activity, refer to *Insects and Diseases of Woody Plants in Colorado*. (Note: This book can be ordered through your CSU County Extension Office. Price is \$40.00)

On pages 295 to 314 is a **Diagnostic Key to... Woody Plant Disorders**. Answer the following questions by using the key and reference pages cited.

Note: This is an outline style key. If you are unfamiliar with how to use the key, please ask a neighbor or the instructor for assistance.

1. Maple

1. Plant ID: Maple
- 2a. Describe signs and symptoms:

Mid summer, the backyard Maple tree is dripping honeydew on the children's play equipment. Twigs are coated with white patches of cottony gunk about 1/4" in diameter.



- 2b. What are possible causes?
- 2c. What is the probable cause?

2. Colorado blue spruce

1. Plant ID: Colorado blue spruce
- 2a. Describe signs and symptoms:

Grayish caterpillars with black and white locks of



hair are found defoliating the new growth on at top of tree.

- 2b. What are possible causes?
- 2c. What is the probable cause?