Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Construct a Key**

Photograph or collect 8 leaves from 8 different types of plants. Try to identify as many of the plants as you can, either by their common name e.g. pumpkin plant, or by their scientific name eg *Cucurbita*. If you are unable to find the correct name for any of your specimens label them Leaf #1 etc.

Create a dichotomous key to allow someone to identify each of your leaves. Page 201 in your text book has a worked example. Yours should look like fig 6.1.14. You will also need to hand in your branch diagram as your draft.

You need to make sure you key is a strong one, that is no words like big or small.

You will either need to hand in the photographs of each of your labelled leaves or the leaves themselves (labelled and taped to your assignment so your teacher can check that your key works.

**Marking Key**

2 Presentation

4 Key works (1/2 mark for each specimen)

2 Correctly presented key

2 Strong Key (-1 for each weak point)

2 All specimens labelled (either the actual leaves or their photographs)

2 Branch diagram

/14