**Name(s) Transpiration Online Activity**

**Go to the weebly page…scroll down to the Transpiration link… complete the online lab and fill in HALF of the plants in the data table below. Then answer the questions. When you are done, you may get your poster and work on Part 2.**

**Transpiration Comprehension questions**

Describe the process of transpiration in vascular plants.

Describe any experimental controls used in the Investigation.

What environmental factors that you tested increased the rate of transpiration? Was the rate of transpiration increased for all plants tested?

Did any of the environmental factors (heat, light, or wind) increase the transpiration rate more than the others? Why?

Which species of plants that you tested had the highest transpiration rates? Why do you think different species of plants transpire at different rates?

Suppose you coated the leaves of a plant with petroleum jelly. How would the plant's rate of transpiration be affected?

Of what value to a plant is the ability to lose water through transpiration?