



**Harvard Forest LTER Schoolyard Program**  
**Buds, Leaves and Global Warming**

**Student Data Sheet – Spring**

Revised March 2010 by JOK and PS

**Names:** \_\_\_\_\_

**School:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Tree Species:** \_\_\_\_\_

**Tree ID (number):** \_\_\_\_\_ **Branch ID (letter):** \_\_\_\_\_

**1. Put a check mark in the correct column below to show the stage of each bud.**

|                                                                  | Bud 1 | Bud 2 | Bud 3 | Bud 4 | Bud 5 | Bud 6 |
|------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|
| <b>Closed:</b> Bud is closed and not puffy                       |       |       |       |       |       |       |
| <b>Puffy:</b> Bud is swollen or opening with no unfolded leaf    |       |       |       |       |       |       |
| <b>Open:</b> Bud has opened and whole leaf is visible (budburst) |       |       |       |       |       |       |
| <b>Bud Fallen Off</b>                                            |       |       |       |       |       |       |

**2. How many buds were observed in all?** \_\_\_\_\_

**Of these, how many were Closed?** \_\_\_\_\_ **Puffy?** \_\_\_\_\_ **Open?** \_\_\_\_\_

**3. Look for the open bud with the largest leaf.**

**Measure the leaf length in centimeters:** \_\_\_\_\_

**4. Field notes:**

**Temperature (degrees Celsius):** \_\_\_\_\_

**Humidity(%):** \_\_\_\_\_

**Circle one:** Sunny Cloudy Rainy

**Other observations and Notes:** \_\_\_\_\_

**Teacher Note:** Please combine data from all branches on the same tree to create tree-level data for submission to Harvard Forest.

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Belchertown  
H.S.

## Fall Leaf Drop

Branch \_\_\_\_\_

[illegible]

Branch \_\_\_\_\_

[illegible]