Harvard Forest Schoolyard Ecology
Buds, Leaves, and Global Warming

Autumn Student Data Sheet

July 2018

Name: _____ **Date:** _____

Teacher: _____ **School:** _____

Tree Species: _____ **Tree ID Number:** _____

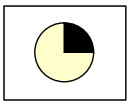
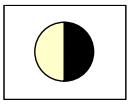
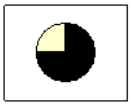
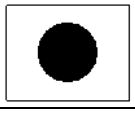
Branch Letter _____

Total Number of Leaves Observed per branch**:** _____

Total Number of Leaves Fallen/All Brown per branch**:** _____

Teacher Note: Remember that the branch totals above must be added with the branch totals from all branches of the same tree to get the total number of leaves dropped per tree to submit to Harvard Forest database.

Fraction/ Percent Color Key

Color Code	Fraction of Tree that has Changed Color
1	0 – 25% 
2	26-50% 
3	51-75% 
4	76-100% 

Continued on Reverse …

Whole Tree Color: Look at the entire tree canopy and estimate how much of the tree has changed color.

Whole Tree Color Code: _____

Individual Leaf Color: What percent of each leaf on your study branch has changed color?

Leaf Color Codes:

Leaf #	Color Code
1	
2	
3	
4	
5	
6	

Leaf Length: Measure Leaf Length only once in the beginning of the fall season

	Leaf 1	Leaf 2	Leaf 3	Leaf 4	Leaf 5	Leaf 6
Leaf Length(cm.)						
Leaf Width (cm.)						

Teacher Note: Leaf Length data will not be entered onto Harvard Forest Database. We recommend that students measure leaves in order to have an opportunity to practice measurement skills and to get a benchmark for leaf length that will serve as a guideline when leaf measurement is required in the spring protocol.

Optional Field Notes: Sometimes observations about weather, animal sign, or plant flowering times, herbaceous plant presence, etc. are helpful in understanding phenology and/or natural areas more fully. If you have time, jot down some field notes here.

Weather Notes:

Animal Notes:

Plant Notes:

Other: