



Harvard Forest Schoolyard Ecology  
Our Changing Forests

**Field Site Survey Sheet**

School Name: \_\_\_\_\_ Date Surveyed: \_\_\_\_\_

Survey (Plot) ID # \_\_\_\_\_ Teacher Name: \_\_\_\_\_

**GPS Coordinates:**

Lat.: \_\_\_\_\_ degrees Long.: \_\_\_\_\_ degrees Elevation: \_\_\_\_\_ meters

**Topography/Physical Features:**

1. *Landscape position* – Check one:

- Did not assess    ridge/hilltop    hillside-upper    hillside-lower  
 dry flat    wet flat    rolling upland

2. *Aspect* \_\_\_\_\_° or  Did not assess

3. *Slope* – Check one:

- Did not assess    none    slight    moderate    steep

4. *Rock Cover in Plot* – Check one:

- Did not assess    <1%    1-5%    6-25%    26-50%  
 51-75%    >75%

5. *Water in Plot* – Check one or more:

- Did not assess    none    stream    seasonal stream  
 wetland    vernal pool    flooded area    other

## Forest Canopy Characteristics:

1. *Canopy Cover Estimate:* Check one:

- Did not assess    <10%    10-25%    26-50%    51-75%    76-100%

## Evidence of Disturbance:

1. *Forest Pests and Pathogens in Plot:* Check one or more:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Did not Assess           | <input type="checkbox"/> Chestnut Blight        | <input type="checkbox"/> Spruce budworm          |
| <input type="checkbox"/> Ash Yellows/Decline      | <input type="checkbox"/> Emerald Ash Borer      | <input type="checkbox"/> White pine blister rust |
| <input type="checkbox"/> Asian Long-horned Beetle | <input type="checkbox"/> Gypsy Moth             | <input type="checkbox"/> Winter moth             |
| <input type="checkbox"/> Balsam Woolly Adelgid    | <input type="checkbox"/> Hemlock Borer          | <input type="checkbox"/> Other                   |
| <input type="checkbox"/> Beech Bark Disease       | <input type="checkbox"/> Hemlock elongate scale |  |
| <input type="checkbox"/> Butternut Canker         | <input type="checkbox"/> Hemlock woolly adelgid |  |

2. *Human Activity in or Near Plot:* Check one or more

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Did not assess   | <input type="checkbox"/> Forest road            | <input type="checkbox"/> Residential house |
| <input type="checkbox"/> None             | <input type="checkbox"/> Highway                | <input type="checkbox"/> Skid trail        |
| <input type="checkbox"/> Barbed wire      | <input type="checkbox"/> Logging scar on tree   | <input type="checkbox"/> Stone wall        |
| <input type="checkbox"/> Building complex | <input type="checkbox"/> Multiple-trunked trees | <input type="checkbox"/> Woods cabin       |
| <input type="checkbox"/> Cellar hole      | <input type="checkbox"/> Open-grown trees       | <input type="checkbox"/> Other             |
| <input type="checkbox"/> Cut stumps       | <input type="checkbox"/> Open field             | <input type="checkbox"/>                   |
| <input type="checkbox"/> Footpath         | <input type="checkbox"/> Paved Road             | <input type="checkbox"/>                   |

3. *Weather Events in or Near Plot:* Check one or more

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Did not assess          | <input type="checkbox"/> Large downed branches    | <input type="checkbox"/> Uprooted trees |
| <input type="checkbox"/> None                    | <input type="checkbox"/> Pit and mound topography | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Burn scar with charcoal | <input type="checkbox"/> River flood deposits     | <input type="checkbox"/>                |
| <input type="checkbox"/> Deformed/broken canopy  | <input type="checkbox"/> Snapped trees            | <input type="checkbox"/>                |

**4. Downed Woody Debris Cover in Plot** (pieces at least 10 cm in diameter): Check one:

Did not assess     <1%     2-5%     6-25%     26-50%     51-75%     >75%

**5. Wildlife Sign in Plot** Check one or more

<input type="checkbox"/> Antler rub (Deer/Moose)	<input type="checkbox"/> Rabbit browse	<input type="checkbox"/> Deer pellets
<input type="checkbox"/> Stripped bark (Deer/Moose)	<input type="checkbox"/> Bear Claw marks	<input type="checkbox"/> Moose pellets
<input type="checkbox"/> Deer/Moose browse	<input type="checkbox"/> Felled trees (beaver)	<input type="checkbox"/> Other
<input type="checkbox"/> Porcupine browse	<input type="checkbox"/> Woodpecker holes	

**6. Invasive Plant Species in Plot:** Check One or More:

<input type="checkbox"/> Autumn Olive	<input type="checkbox"/> Garlic Mustard	<input type="checkbox"/> Japanese Stilt Grass
<input type="checkbox"/> Buckthorn	<input type="checkbox"/> Honeysuckle	<input type="checkbox"/> Multiflora Rose
<input type="checkbox"/> Burning Bush	<input type="checkbox"/> Japanese Barberry	<input type="checkbox"/> Oriental Bittersweet
		<input type="checkbox"/> Other

**Field Notes:**

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