



MaMA Monitoring Plots Network

YEAR 2+ DATA FORM

Always fill out this form in the field for use as data backup/entry correction.

If not using [Aneccdata smartphone app](#), upload data via [Aneccdata.org](#).



Hint: To help find your marked trees from the previous year, you can contact us, and we will send you a **CalTopo** map of your plot. You can print the map showing the positions of all tagged trees or use **CalTopo** to navigate to the tagged trees. We also recommend bringing a copy of your data sheet from the previous year and any notes about tree locations with you.

In Aneccdata, select "YEAR 2+" datasheet. All data on this form, along with photos, are entered as one observation.

Observer(s):	Date:
Plot GPS coordinates <i>(use the same coordinates as in year 1)</i>	Lat. (to 5 decimal places)
	Long. (to 5 decimal places)
Observer's email address:	
Institution submitting data if applicable: <i>(e.g. NY State Parks; The Nature Conservancy)</i>	
Location (e.g., Highmount State Park or John Smith's woodlot):	
Plot name (Use the same name as in year 1):	Year of observation (for 2nd year enter "2", etc.):

Try to find each tagged tree (i.e., all trees that were alive the year before). For live trees, record the requested information. For dead trees that were live the year before (i.e., have tags), record the requested information (including tag #) *and remove the tag from the tree*. If you cannot find a particular tree that was live the year before, enter its tag #, and for the other columns enter "N/A". **Species:** if you know it's ash but not which species, enter "A". For **white ash** (*Fraxinus americana*), enter "W"; for **green/red ash** (*F. pennsylvanica*) enter "G"; enter "W/G" if you know it's white or green ash but are not sure which; "W"; for **black (brown) ash** (*F. nigra*) enter "B"; for **blue ash** (*F. quadrangulata*) enter "Q"; for **pumpkin ash** (*F. profunda*) enter "P"; and if you're not sure if a tree is ash, enter "N". **Crown health class:** 1 = completely healthy; 2 = some twigs w/o leaves; 3 = < 50% branch, limb or trunk die-back; 4 = ≥ 50% branch, limb or trunk die-back; 5 = crown has no leaves, although there may be leaves on epicormic shoots or stump sprouts; X = tree obviously killed by cause other than EAB (e.g., lightning, fire, storm, felling when still alive). **Definite EAB signs:** Distinctive larvae, serpentine galleries, or multiple D-shaped holes. **Flaking:** Extensive outer bark removal by woodpeckers, with larval extraction holes. The exposed inner bark is blond on recently flaked trees, gray on trees flaked less recently

TREE DATA

Tree tag #	Species	Crown health class	Definite EAB signs (Y/N)	Flaking (Y/N)	Fill out the DBH and GPS coordinates fields if not previously recorded. <i>Optional: Keep recording DBH every year</i>			
					DBH Tree Diameter at Breast Height <i>(If multiple trunks only measure the largest one)</i> Circle unit used: CM or Inches	Notes	Lat. (include 5 decimal places)	Long. (include 5 decimal places)
45	B	2	N	N	13"		41.62678	-74.23744
63	W	5	Y	Y	18"		41.64022	-74.28078
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11								

Example: live tree
Example: dead tree

Before going to the plot, insert the tag numbers of all the trees that were alive the previous year so you will know to search for them.

Observer(s): _____ Date: _____

Plot name: _____

PHOTO DOCUMENTATION

EAB SIGN PHOTOS
 If you find any of the following signs of EAB *for the first time* in this plot, take & upload one photo of each sign for the plot:

- ✓ Multiple D-shaped exit holes
- ✓ Serpentine larval gallery
- ✓ “Flaking” (with woodpeckers’ larval extraction holes)

PHOTOS OF DATA FORM
 Please take photos of front/back of completed data sheet and submit it via Anecdata or email it to Outreach@monitoringash.org (this will enable us to correct any entry errors in your electronic data).

Terms: Dead and dying ash trees can pose hazards of serious injury from falling tree material. Participants agree to assume all risks of injury from these trees and to not hold project organizers or administrators liable for them.

					TREE DATA cont.			
Tree tag #	Species	Crown health class	Definite EAB signs (Y/N)	Flaking (Y/N)	Enter the DBH and GPS coordinates fields only if not previously recorded.			
					DBH Tree Diameter at Breast Height <i>(If multiple trunks only measure the largest one)</i> Circle unit used: CM or Inches	Notes	Lat. <i>(include 5 decimal places)</i>	Lat. <i>(include 5 decimal places)</i>
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