



Monitoring and Managing Ash

MaMA Monitoring Plots Network

YEAR 2+ DATA FORM

Submit these data via Aneccdata.org or [Aneccdata app](#). For instructions, visit MonitoringAsh.org.

If you have any questions, please send them to Outreach@MonitoringAsh.org



Hint: To help find your marked trees from the previous year, you can: 1) use a computer to print a map of your plot's trees using free **Goggle Earth Pro** software; and/or 2) use the free **Google Earth app** to see on your smartphone where you are relative to individual tree locations. To print the map, download the kml file of the locations of all the trees recorded in MaMA Monitoring Plots Network the previous year from www.monitoringash.org/mama-monitoring-plots-network-kml-maps/. Also, if you don't already have Goggle Earth Pro, download it. Open the kml file in Google Earth and search for your location (e.g., by nearby street address), zoom to your plot to show the positions of all tagged trees and print the map. To use the free **Google Earth app** on your phone to see individual tree locations relative to your position, download the kml file of tree locations to your phone and also download the Google Earth app if you don't already have it. When you arrive at your plot, open the Google Earth app and click on the kml file to show you the tree locations.

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

Surveyor(s): _____ **Date:** _____

Plot GPS coordinates (use the same coordinates as in year 1) **Lat.** _____ **Long.** _____

Institution submitting data if applicable (e.g. NY State Parks; The Nature Conservancy): _____

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 ash (*F. pennsylvanica*) enter "G"; for **black 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 a tree is ash, enter "N". **Canopy 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 = canopy 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 larva extraction holes. The exposed inner bark is blond on recently flaked trees and gray on trees flaked less recently.

TREE DATA

Tree tag #	Species	Canopy health class	Definite EAB signs (Y/N)	Flaking (Y/N)	Fill out the DBH and GPS coordinates fields only if not previously recorded.		
					DBH (Tree Diameter at Breast Height) (If multiple trunks only measure the largest one) Circle unit used: CM or Inches	Lat. (include 5 decimal places)	Long. (include 5 decimal places)
Example: live tree 45	B	2	N	N	13"	41.62678	-74.23744
Example: dead tree 63	W	5	Y	Y	18"	41.64022	-74.28078
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

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

