

Plot 4a-1 Arthurs Brook. Thinned in 1930, rectangular plot established in 1931, size is 7705 square feet
Latitude- 41 24 14.98780 N
Longitude- 74 01 12.13563 W
Tree number- unique number assigned to each tree and painted on trunk bark
Species- RO (red oak, *Quercus rubra*), CO (chestnut oak, *Quercus prinus*), SO (scarlet oak, *Quercus coc*
Coordinates- measured in feet from plot corner
Ingrowthyr- year when ingrowth was first recorded
Censinyr- left censored yr (present in plot when first sampled)
Deathyr- year when death was first recorded
Censoryr- right censoring (e.g., cut down)
Diameter at breast height- trunk diameter in inches rounded to the nearest tenth. Measured with diam
Height- vertical distance in feet from ground to live top as measured with clinometer or laser rangefind
Canopy class- d= dominant, c= codominant, i= intermediate, s= supressed (or "o" for overtopped)

cinerea), BO (black oak, *Quercus velutina*), WO (white oak, *Quercus alba*), SM (sugar maple, *Acer sacchar*

eter tape at painted line on all live trees 0.5 inches or greater dbh at line, generally after July 15 of each

um), RM (red maple, *Acer rubrum*), MW (moosewood, *Acer pensylvanicum*), BB (black birch, *Betula leni*

year to represent end of year measurement, sometimes measured as late as spring of following year (9,

ta), GB (gray birch, *Betula populifolia*), YB (yellow birch, *Betula allagheniensis*), PH (pignut hickory, *Carya*

/14/31, 7/14/36, 10/16/41, 5/17/46, 12/15/54, 7/21/61, 9/23/65, 7/24/73, 8/1/79, 5/24/84, 10/30/89,

g^labra), SH (shagbark hickory, *Carya ovata*), BA (basswood, *Tilia americana*), CH (American chestnut, C

8/23/93, 11/5/94, 7/6/95, 7/29/96, 8/7/97, 7/21/98, 7/20/99, 4/10/01, 8/7/01, 8/12/02, 8/1/03, 7/21,

Castanea dentata), HM (eastern hemlock, *Tsuga canadensis*), SB (shadbush, *Amelanchier canadensis*), \

NA (white ash, *Fraxinus americana*), BG (black gum, *Nyssa sylvatica*), BE (American beech, *Fagus granc*

ifolia), BC (black cherry, *Prunus serotina*), DW (dogwood, *Cornus florida*), AL (alder, *Alnus ru*