

Plot 4a-1c Arthurs Brook control. Rectangular plot established in 1931, size is 9568 square feet.

Latitude- 41 24 14.41621

Longitude- 74 01 13.14134

Tree number- unique number assigned to each tree and painted on bark

Species- RO (red oak, *Quercus rubra*), CO (chestnut oak, *Quercus prinus*), SO (scarlet oak, *Quercus coccinea*)

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 rangefinder

Canopy class- d= dominant, c= codominant, i= intermediate, s= suppressed (or overtopped)

pinea), 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*

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

3 *glabra*), SH (shagbark hickory, *Carya ovata*), BA (basswood, *Tilia americana*), CH (American chestnut, C

*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 rugosa*)