

Plot 5a-4 Mount Misery. Rectangular plot established in 1931, size is 4372 square feet.

Latitude- 41 24 09.16951 N

Longitude- 74 01 10.16197 W

Unique tree number- 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*), BC

Coordinates- measured in feet from plot corner

Diameter at breast height- measured with diameter tape at painted line on all live trees 0.5 inches or greater dbh

Height- vertical distance from ground to live top as measured with clinometer or laser rangefinder, in feet

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

BO (black Oak, *Quercus velutina*), WO (white oak, *Quercus alba*), SM (sugar maple, *Acer saccharum*), RM (red map

le) at line, generally after July 15 of each year, recorded in inches rounded to nearest tenth.

le, *Acer rubrum*), MW (moosewood, *Acer pensylvanicum*), BB (black birch, *Betula lenta*), GB (gray birch, *Betula p*

*opulifolia* ), YB (yellow birch, *Betula alleghaniensis* ), PH (pignut hickory, *Carya glabra* ), SH (shagbark hickory, *Carya*

*a ovata*), BA (basswood, *Tilia americana*), CH (American chestnut, *Castanea dentata*), HM (eastern hemlock, *Tsu*

*ga canadensis*), SB (shadbush, *Amelanchier canadensis*), WA (white ash, *Fraxinus americana*), BG (black gum, *Ny*

*Fagus sylvatica* ), BE (American beech, *Fagus grandifolia* ), BC (black cherry, *Prunus serotina* ), DW (dogwood, *Cornu*

's *florida* ), AL (alder, *Alnus rugosa* )