

Lusitania Woodland Habitat Restoration Project

A volunteer project planned and implemented by
Members of Friends of Fresh Pond Reservation

The goal of this project is to create a model to show that volunteers with a limited budget can restore a degraded woodland to a healthy ecosystem by using appropriate native plant species. Plants for this project were purchased, donated, divided, or grown from seeds or cuttings.

Non-native Plant Species Removed

Garlic Mustard
Mugwort
Burdock
Pokeweed
Lamb's Quarters

Japanese Knotweed
Bittersweet
Buckthorns (Common and Glossy)
White Mulberry
Blackberry (non-native)

Appropriate Native Plant Species

Canopy trees

Red Oak (*Quercus rubra*)
Swamp White Oak (*Quercus bicolor*)
Scarlet Oak (*Quercus coccinea*)
Chestnut Oak (*Quercus prinus*)
Red Maple (*Acer rubrum*)
Silver Maple (*Acer saccharinum*)
Sugar Maple (*Acer saccharum*)
Shagbark Hickory (*Carya ovata*)
Pignut Hickory (*Carya glabra*)
American Sycamore (*Platanus occidentalis*)
White Pine (*Pinus strobus*)

Understory Trees

Juneberry (*Amelanchier Canadensis*)
Gray Birch (*Betula populifolia*)
Musclewood (*Carpinus caroliniana*)
Hackberry (*Celtis occidentalis*)
Tupelo/Black Gum (*Nyssa sylvatica*)
Sassafras (*sassafras albidum*)

Shrubs and Vines

Black Chokeberry (*Aronia melanocarpa*)
American Elder (*Sambucus Canadensis*)
Sweet Shrub (*Clethra alnifolia*)
Meadowsweet (*Spiraea latifolia*)
Witch Hazel (*Hamamelis virginiana*)
Winterberry Holly (*Ilex verticillata*)
Silky Dogwood (*Cornus amomum*)
American Hazelnut (*Corylus Americana*)
Highbush Blueberry (*Vaccinium corymbosum*)
Spicebush (*Lindera benzoin*)
Sheep Laurel (*Kalmia angustifolia*)

Swamp Azalea (*Rhododendrum viscosum*)
Pasture Rose (*Rosa caroliniana*)
Pussy Willow (*Salix discolor*)
Maple-leaved Viburnum (*Viburnum acerifolium*)
Arrowwood Viburnum (*V. dentatum*)
Virginia Creeper (*Parthenocissus quinquefolia*)
Sweet Autumn Vine (*Clematis virginiana*)
Wintergreen (*Gaultheria procumbens*)
Partridgeberry (*Mitchella repens*)

Perennial Wildflowers

Jack in the Pulpit (*Arisaema triphyllum*)
Wild Ginger (*Asarum canadense*)
White Snakeroot (*Ageratina altissima*)
Canada Anemone (*Anemone Canadensis*)
Wild Columbine (*Aquilegia Canadensis*)
White Wood Aster (*Eurybia divaricata*)
Heart-leaved Aster (*Symphyotrichum cordifolium*)
Large-leaved Aster
Whorled Loosestrife (*Lysimachia quadrifolia*)
Blue-stemmed Goldenrod (*Solidago caesia*)
Rough-stemmed Goldenrod (*Solidago rugosa*)
Spreading Dogbane (*Apocunum androsaemifolium*)
Foamflower (*Tiarella cordifolia*)
False Solomon's Seal (*Maianthemum racemosa*)
Canada Mayflower (*Maianthemum Canadensis*)
Downy Solomon's seal (*Polygonatum pubescens*)
Common Cinquefoil (*Potentilla simplex*)
Sweet White Violet (*Viola blanda*)
Smooth Yellow Violet (*Viola pubescens*)
Indian Tobacco (*Lobelia inflata*)
Seedbox (*Ludwigia alternifolia*)