

Northeast Woods Restoration Project Proposed Plant Candidates*

Category	Symbol	Botanical Name	Common Name
CANOPY TREES			
	BL	<i>Betula lenta</i>	sweet birch
	CO	<i>Celtis occidentalis</i>	hackberry
	CarT	<i>Carya tomentosa</i>	mockernut hickory
	CarO	<i>Carya ovata</i>	shagback hickory
	DV	<i>Diospyros virginiana</i>	persimmon
	FG	<i>Fagus grandifolia</i>	American beech
	GD	<i>Gymnocladus dioicus</i>	Kentucky coffeetree
	JN	<i>Juglans nigra</i>	black walnut
	NS	<i>Nyssa sylvatica</i>	blackgum
	PrSe	<i>Prunus serotina</i>	black cherry
	QA	<i>Quercus alba</i>	white oak
	QC	<i>Quercus coccinea</i>	scarlet oak
	QF	<i>Quercus falcata</i>	Southern red oak
	QI	<i>Quercus imbricaria</i>	shingle oak
	QM	<i>Quercus montana</i>	chestnut oak
	QR	<i>Quercus rubra</i>	Northern red oak
	QV	<i>Quercus velutina</i>	black oak
	SA	<i>Sassafras albidum</i>	sassafras
EVERGREEN TREES			
	IO	<i>Ilex opaca</i>	American holly
	JV	<i>Juniperus virginiana</i>	eastern redcedar
	PS	<i>Pinus strobus</i>	eastern white pine
UNDERSTORY TREES			
	AA	<i>Amelanchier arborea</i>	downy serviceberry
	AL	<i>Amelanchier laevis</i>	smooth serviceberry
	Ccar	<i>Carpinus caroliniana</i>	ironwood / hornbeam
	CC	<i>Cercis canadensis</i>	redbud
	CoAlt	<i>Cornus alternifolia</i>	alternate-leaf dogwood
	CoFAS'	<i>Cornus florida</i> 'Appalachian Spring'	flowering dogwood 'Appalachian Spring'
	HamV	<i>Hamamelis virginiana</i>	witch-hazel
	OV	<i>Ostrya virginiana</i>	eastern hophornbeam
SHRUBS			
	CI Al	<i>Clethra alnifolia</i>	summersweet clethra
	CoryAm	<i>Corylus americana</i>	American hazelnut
	CoRc	<i>Cornus racemosa</i>	gray dogwood
	DL	<i>Diervilla lonicera</i>	northern bush honeysuckle
	HydAr	<i>Hydrangea arborescens</i>	smooth hydrangea
	IV	<i>Itea virginiana</i>	Virginia sweet spire
	KL	<i>Kalmia latifolia</i>	mountain laurel
	Rh Pe	<i>Rhododendron periclymenoides</i>	pinxterbloom azalea
	Rh Pr	<i>Rhododendron prinophyllum</i>	roseshell azalea
	SC	<i>Sambucus canadensis</i>	black elderberry
	VA	<i>Viburnum acerifolium</i>	maple-leaved viburnum
	VD	<i>Viburnum dentatum</i>	southern arrowwood
	VP	<i>Viburnum prunifolium</i>	blackhaw
	VR	<i>Viburnum recognitum</i>	northern arrowwood
	XS	<i>Xanthoxia simplicissima</i>	yellowroot

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Category	Symbol	Botanical Name	Common Name
HERBACEOUS			
		GRASSES / SEDGES	
	CarAm	<i>Carex amphibola</i>	Creek sedge
	CarApp	<i>Carex appalachica</i>	Appalachian sedge
	CarE	<i>Carex eburnea</i>	bristleleaf sedge
	CarL	<i>Carex leavenworthii</i>	lawn sedge
	CarP	<i>Carex pennsylvanica</i>	Pennsylvania sedge
	DF	<i>Deschampsia flexuosa</i>	wavy hairgrass
		FERNS	
	AP	<i>Adiantum pedatum</i>	northern maidenhair
	AF-F	<i>Athyrium filix-femina</i> & cv.	common ladyfern
	DP	<i>Dennstaedtia punctilobula</i>	hayscented fern
	DM	<i>Dryopteris marginalis</i>	marginal woodfern
	OS	<i>Onoclea sensibilis</i>	sensitive fern
	PA	<i>Polystichum acrostichoides</i>	Christmas fern
		PERENNIALS	
	AnCa	<i>Anemone canadensis</i>	Canada anemone
	AC	<i>Aquilegia canadensis</i>	red columbine
	AA	<i>Aster azureus</i>	skyblue aster
	AsCo	<i>Aster cordifolius</i>	common blue wood aster
	AsDi	<i>Aster divicatus</i>	white wood aster
	AsaCa	<i>Asarum canadense</i>	Canadian wildginger
	DE	<i>Dicentra eximia</i>	wild bleeding heart
	EupC	<i>Eupatorium coelestinum</i>	blue mistflower
	EupP	<i>Eupatorium purpureum</i>	sweet joe pye weed
	GM	<i>Geranium maculatum</i>	wild geranium
	HeID	<i>Helianthus divaricatus</i>	woodland sunflower
	HeuA	<i>Heuchera americana</i>	American coral bell, alumroot
	IC	<i>Iris cristata</i>	dwarf crested iris
	MV	<i>Mertensia virginica</i>	Virginia bluebells
	PD	<i>Phlox divaricata</i>	woodland phlox
	PP	<i>Podophyllum peltatum</i>	mayapple
	SA	<i>Senecio aureus</i>	golden ragwort
	SD	<i>Stylophorum diphyllum</i>	celandine poppy
	SF	<i>Solidago flexicaulis</i>	zig-zag goldenrod
	TC	<i>Tiarella cordifolia</i>	heartleaf foamflower
	TV	<i>Tradescantia virginiana</i>	spider lily

* Plant candidates are generally present in plant communities in red oak - mixed hardwood forests on mesic sites in the Piedmont Region of southeast Pennsylvania (1). Excluded are plants currently in relative abundance on the subject site.

(1) Reference sources: Terrestrial and Palustrine Plant Communities of Pennsylvania by Jean Fike, Pennsylvania Natural Diversity Inventory
 Plant Communities of New Jersey, Collins and Anderson
 The Plants of Pennsylvania, Rhoads and Block

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Tree, Shrub, and Vine Inventory*

Category	Symbol	Botanical Name	Common Name	Native ?	Count
CANOPY TREES					
	AN	<i>Acer negundo</i>	boxelder		1
	AP	<i>Acer platanoides</i>	Norway maple	No	numerous
	APs	<i>Acer pseudo-platanus</i>	sycamore maple	No	approx 6
	ARu	<i>Acer rubrum</i>	red maple		5
	ASi	<i>Acer saccharinum</i>	silver maple		4
	Asp	<i>Acer species</i>	maple species	unlikely	approx 6
	ASu	<i>Acer saccharum</i>	sugar maple		numerous
	AH	<i>Aesculus hippocastanum</i>	horsechestnut	No	1
	BL	<i>Betula lenta</i>	black birch		1
	CD	<i>Castanea dentata</i>	American chestnut		approx 6
	CO	<i>Celtis occidentalis</i>	hackberry		1
	EA	<i>Elmus americana</i>	American elm		numerous
	FA	<i>Fraxinus americana</i>	white ash		1
	GT	<i>Gleditsia triocanthos</i>	honey locust		1
	JN	<i>Juglans nigra</i>	black walnut		2
	LS	<i>Liquidambar styraciflua</i>	sweetgum		numerous
	LT	<i>Liriodendron tulipifera</i>	tuliptree		numerous
	PA	<i>Platanus x acerifolia</i>	London planetree	No	1
	PO	<i>Platanus occidentalis</i>	American sycamore		1
	PrA	<i>Prunus avium</i>	sweet cherry	No	2
	PrSe	<i>Prunus serotina</i>	black cherry		numerous
	QB	<i>Quercus bicolor</i>	swamp white oak		1
	QC	<i>Quercus coccinea</i>	scarlet oak		1
	QI	<i>Quercus imbricaria</i>	shingle oak		1
	QR	<i>Qeurecus rubra</i>	northern red oak		2
	Qsp	<i>Quercus species</i>	Oak species		<5
	QV	<i>Quercus velutina</i>	black oak		2
	RP	<i>Robinia pseudo-acacia</i>	black locust		numerous
	TA	<i>Tilia americana</i>	basswood		3
EVERGREEN TREES					
	IO	<i>Ilex opaca</i>	American holly		approx 5
	PS	<i>Pinus strobus</i>	eastern white pine		numerous
	TC	<i>Tsuga canadensis</i>	Canadian hemlock		numerous
	TCh	<i>Tsuga chinensis</i>	Chinese hemlock	No	approx 5
UNDERSTORY TREES / SHRUBS (1)					
	AE	<i>Aralia elata</i>	Japanese angelica-tree	No	approx 12
	BT	<i>Berberis thunbergii</i>	Japanese barberry	No	sporadic
	Ccar	<i>Carpinus caroliniana</i>	ironwood / hornbeam		1
	CC	<i>Cercis canadensis</i>	redbud		1
	CF	<i>Cornus florida</i>	flowering dogwood		2
	EP	<i>Euonymus atropurpureus</i>	burningbush	No	numerous
	HQ	<i>hydrangea quercifolia</i>	oakleaf hydrangea		1
	LB	<i>Lindera benzoin</i>	spicebush		numerous
	LV	<i>Ligustrum vulgare</i>	common privet	No	numerous
	OV	<i>Ostrya virginiana</i>	eastern hophornbeam		?
	PM	<i>Pyrus malus (unknown species)</i>	apple tree species	unlikely	approx 5
	RF	<i>Rhamnus frangula</i>	European buckthorn	No	approx 5
	RoM	<i>Rosa multiflora</i>	multiflora rose	No	numerous
	RA	<i>Rubus allegheniensis</i>	blackberry		numerous
	Ta Sp	<i>Taxus species</i>	yew species	unlikely	approx 2
VINES (1)					
	AB	<i>Ampelopsis brevipedunculata</i>	porcelain-berry	No	sporadic
	CO	<i>Celastrus orbiculatus</i>	oriental bittersweet	No	sporadic
	HH	<i>Hedera helix</i>	English ivy	No	widespread
	LJ	<i>Lonicera japonica</i>	Japanese honeysuckle	No	widespread
	PQ	<i>Parthenocissus quinquefolia</i>	Virginia creeper		sporadic
	RR	<i>Rhus radicans</i>	poison ivy		sporadic

(1) Small (< 6" diam.) understory trees as well as shrubs and vines are generally not shown on the existing conditions / base map