



TREES

soil
 wet moist dry full sun part sun/shade full shade no pref. z: zone h: height s: spread



Acer rubrum - Red Maple
 March-April. Street and shade tree

z: 3
 h: 40'-70'
 s: 30'-50'



Amelanchier laevis - Allgheny Serviceberry. March-April. Fragrant.

z: 3
 h: 15'-25'
 s: 15'-25'



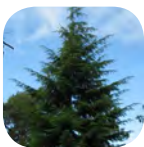
Betula papyrifera - Paper Birch
 April. Acidic, sandy/silty loams.

z: 2
 h: 50'-70'
 s: 25'-35'



Gleditsia triacanthos var. inermis - Thornless Honey Locust. May-June. Wind and salt tolerant. Good for beach/streets.

z: 3
 h: 60'-80'
 s: 60'-80'



Tsuga canadensis - Canadian Hemlock
 April. Rock, cool soils. Sensitive to salt.

z: 3
 h: 50'-75'
 s: 25'-35'



Plant Symbol Legend

- Herbaceous Perennials
- Trees
- Shrubs
- Wetland Obligate
- Edible
- Cut Flowers
- Wildlife Attractor
- Require Extra Care
- Winter Interest
- Rain Garden
- Drought Tolerant
- Fall Foliage



Trees have the biggest impact on the quality of the watershed. The presence of trees near shore banks provides shade for animal habitats and absorbs rain water. Their deep and spreading roots increase soil stability and prevent erosion control.



HERBACEOUS PERENNIALS

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Flowers

Symbol legend on page 25.



Anemone canadensis - Windflower
April-June. Sandy soil. Clumping.

z: 4
h: 1'-3'
s: 3'



Eupatoriadelphus maculatum - Joe Pye Weed. July to October.
Adaptable. Leave flower heads in fall.

z: 4
h: 3'-5'
s: 1'-4'



Monarda punctata - Spotted Beebalm
Juny-July. Sandy soil. Clumps/spreads.

z: 3
h: 1.5'-2'
s: 1'



Aquilegia canadensis - Columbine
April-May. Sandy.

z: 3
h: 2'-3'
s: 1'-1.5'



Geranium maculatum - Wild Geranium
April-July. Acidic soil. Clumping.

z: 4
h: 3'-5'
s: 1'-4'



Oenothera pilosella - Meadow Evening
Primrose. July-August. Adaptable.

z: 4
h: .5'-2'
s: Varies



Asclepias incarnata - Swamp Milkweed
July-August. Adaptable.

z: 3
h: 4'-5'
s: 2'-3'



Iris versicolor - Blue Flag Iris
May-June. Clumping.

z: 3
h: 2'-2.5'
s: 2'-2.5'



Penstemon hirsutus - Hairy Beardtongue
Juny-July. Shallow, well-drained.

z: 3
h: 1.5'-2'
s: Varies



Asclepias tuberosa - Butterfly Milkweed
June-August. Well drained.

z: 3
h: 1'-3'
s: 1'-1.5'



Lavandula angustifolia - Lavender
June-August. Non-native.

z: 5
h: 1'-1.5'
s: 1'-1.5'



Phlox paniculata - Phlox
July-September. Tolerates clay.

z: 3
h: 2'-4'
s: 2'-3'



Baptisia australis - Blue Wild Indigo
May-June.

z: 4
h: 4.5'-5.5'
s: 3'-4'



Lobelia cardinalis - Cardinal Flower
July-September.

z: 3
h: 2'-4'
s: 1'-2'



Ratibida pinnata - Yellow Coneflower
July-August. Tolerates clay.

z: 3
h: 2'-4'
s: 2'-3'



Echinacea purpurea - Coneflower
June-August. Well-drained soil.

z: 3
h: 2'-5'
s: 1.5'-2'



Lobelia siphilitica - Great Blue Lobelia
July-September.

z: 3
h: 2'-4'
s: 1'-2'



Symphyotrichum novae-angliae - New
England Aster. August-September.
Tolerates clay. Lots of wildlife.

z: 4
h: 2'-5'
s: 2'-3'





HERBACEOUS PERENNIALS

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Ferns



Tradescantia virginiana - Spiderwort
August-September. Acidic.

z: 4
 h: 1.5'-3'
 s: 1'-3'



Carex stricta - Tussock Sedge
May-June. Nesting habitat.

z: 3
 h: 1'-3'
 s: 1'-2'



Athyrium filix-femina - Lady Fern
Clumping and spreading.

z: 4
 h: 1'-3'
 s: 1-2.5'



Veronicastrum virginicum - Culver's Root
June-July. Rain gardens.

z: 3
 h: 4'-7'
 s: 2'-4'



Carex vulpinoidea - Fox Sedge. July-August. Clumping. Erosion control.

z: 3
 h: 1'-3'
 s: .5'-2'



Matteuccia struthiopteris - Ostrich Fern
Tolerates clay soils. Fiddleheads.

z: 3
 h: 3'-6'
 s: 5'-8'



Grasses



Andropogon gerardii - Big Bluestem
September-February. Erosion control. Cut to ground in spring. Winter interest.

z: 4
 h: 4'-6'
 s: 2'-3'



Panicum virgatum - Switchgrass
July-February. Erosion control. Salt Tolerant. Clumping.

z: 4
 h: 3'-6'
 s: 2'-3'



Osmunda regalis - Royal Fern
Forms clusters. Full sun if kept moist.

z: 3
 h: 2'-3'
 s: 2'-3'



Aristida purpurea - Purple Threeawn
May-September. Dry soils.

z: 3
 h: 1'-3'
 s: 1'-1.5'



Schizachyrium scoparium - Little Bluestem. August-November. Salt tolerant. Erosion control. Purpleish.

z: 3
 h: 3'-5'
 s: 1'-2'



Polystichum acrostichoides - Christmas Fern. Evergreen. Erosion control. Full sun if moist

z: 3
 h: 2'-3'
 s: 2'-3'



Carex grayi - Gray Sedge
May-October. Salt tolerant.

z: 5
 h: 2'-3'
 s: 1.5'-2'



Sorghastrum nutans - Indiangrass
September-February. Erosion control.

z: 4
 h: 2'-4'
 s: 1'-2'



Thelypteris noveboracensis - New York Fern. Groundcover. Grow in tufts.

z: 3
 h: 1'-2'
 s: 1'-3'



Carex lurida - Lurid Sedge.
May-September.

z: 3
 h: 1.5'-3'
 s: 1'-2'



Carex appalachica - Appalachian Sedge
May-September.

z: 3
 h: 2'-4'
 s: 1'-2'



Adiantum pedatum - Maidenhair Fern
Groundcover.

z: 3
 h: 1'-1.5'
 s: 1'-1.5'





SHRUBS

soil
 wet moist dry
 full sun part sun/shade full shade no pref.
 z: zone
 h: height
 s: spread



Aronia arbutifolia - Red Chokeberry
April. Erosion control. Tolerates clay.

z: 4
 h: 6'-8'
 s: 3'-4'



Myrica gale - Sweetgale. July-September. Fragrant. Shorelines.

z: 2
 h: 3'-6'
 s: 3'-6'



Vaccinium angustifolium - Lowbush Blueberry. May-June. Acidic soil.

z: 3
 h: .5'-2'
 s: .5'-1'



Aronia melonocarpa - Black Chokeberry
May. Fruit is edible.

z: 3
 h: 3'-6'
 s: 3'-6'



Ribes americanum - Wild Black Currant
April-May. Delicious purple berries. *

z: 2
 h: 3'-6'
 s: 1'-4'



Vaccinium corymbosum - Highbush Blueberry. May-June. Acidic.

z: 3
 h: 6'-12'
 s: 6'-12'



Cephalanthus occidentalis - Buttonbush
June. Erosion control.

z: 4
 h: 5'-12'
 s: 4'-8'



Salix discolor - Pussy Willow
April-May. Erosion control.

z: 2
 h: 6'-15'
 s: 4'-12'



Viburnum trilobum - American Cranberry
April-June.

z: 2
 h: 6'-12'
 s: 6'-12'



Clethra alnifolia - Summersweet
July to August. Fragrant.

z: 4
 h: 3'-8'
 s: Varies



Sambucus canadensis - Elderberry
June-July. Low maintenance.

z: 3
 h: 6'-12'
 s: 6'-12'



Cornus sericea - Red Osier Dogwood
May-June. Erosion control. Spreads.

z: 2
 h: 6'-9'
 s: 8'-12'



Spiraea alba - Meadowsweet
Long blooms midsummer.

z: 3
 h: 3'-4'
 s: 3'-6'



Ilex verticillata - Winterberry
June-July. Erosion control.

z: 3
 h: 3'-12'
 s: 3'-12'



Spiraea tomentosa - Steeplebush
July-September. Mound form.

z: 4
 h: 3'-6'
 s: 3'-6'



* Do not plant *Ribes americanum* near white pines

ALTERNATIVE PLANT CHOICES

If the plants highlighted up above are not to your liking or are unavailable, here is a list of alternative plant options we would recommend. Use the plant database links from the resources page to learn a bit more about these plants.

Herbacious Perennials

Agastache foeniculum
Diervilla lonicera
Helenium autumnale
Penstemon digitalis
Rudbeckia triloba
Solidago rugosa
Onoclea sensibilis

Anise Hyssop
Bush-honeysuckle
Sneezeweed
Smooth White Beardtongue/Foxglove
Brown-Eyed Susan
Goldenrod
Sensitive Fern



Shrubs

Aronia prunifolia
Corylus americana
Hamamelis virginiana
Kalmia angustifolia
Ribes hirtellum
Ribes triste
Sambucus racemosa
Vaccinium macrocarpon
Vaccinium vitis-idaea
Viburnum lentago
Viburnum prunifolium

Purple Chokeberry
Hazelnut/American Filbert
Common Witchhazel
Sheep Laurel
Northern Gooseberry
Swamp Red Currant
Red-berried Elderberry
Cranberry
Lingonberry
Nannyberry Viburnum
Blackhaw Viburnum



Trees

Alnus rugosa
Amelanchier arborea
Betula alleghaniensis
Betula nigra
Carya Ovata
Quercus macrocarpa
Quercus rubra
Thuja occidentalis
Tilia americana

Speckled Alder
Downy Serviceberry/Juneberry/Shadbush
Yellow Birch
River Birch
Shagbark Hickory
Bur Oak
Red Oak
Eastern White Cedar/Northern White Cedar/Swamp Cedar
American Basswood

