

# STREAMSIDE BUFFER PLANTINGS

(all native to Connecticut)

Compiled by North Central Conservation District, Ruth Klue

## SHALLOW WATER AREAS

6-12 inches deep, permanently or semi-permanently; emergent aquatic plants.

Includes bottom-land hardwood forests, wet prairies and marshes, seeps, ponds and sloughs, and the margins of lakes.

<b>SHRUBS:</b>	<b>Buttonbush</b>	<u>Cephalanthus occidentalis</u>	wet to moist
	<b>Winterberry</b>	<u>Ilex verticillata</u>	tolerates dry periods
<b>TREES:</b>	<b>Swamp White Oak</b>	<u>Quercus bicolor</u>	tolerates dry periods
<b>PERENNIALS:</b>	<b>Arrow Arum</b>	<u>Peltandra</u>	wet to moist
	<b>Blue Flag Iris</b>	<u>Iris versicolor</u>	tolerates dry periods
	<b>Bulrush</b>	<u>Scirpus sp.</u>	wet to moist
	<b>Duck Potato</b>	<u>Sagittaria latifolia</u>	wet
	<b>Cattail</b>	<u>Typha sp.</u>	wet
	<b>Pickrel Weed</b>	<u>Pontederia cordata</u>	wet to moist
	<b>Soft Rush</b>	<u>Juncus effuses</u>	wet to moist

## NEXT TO STREAMS AND PONDS

Regular inundation during storms, tolerant of exposure during dry periods.

<b>SHRUBS:</b>	<b>Chokeberry</b>	<u>Aronia arbutifolia</u>	wet to dry periods
	<b>Dogwood, Gray</b>	<u>Cornus racemosa</u>	can form thickets
	<b>Dogwood, Red Osier</b>	<u>Cornus stolonifera</u>	can form thickets
	<b>Dogwood, Silky</b>	<u>Cornus amomum</u>	wet to dry periods
	<b>Elderberry</b>	<u>Sambucus canadensis</u>	wet to dry periods
	<b>Pussy Willow</b>	<u>Salix discolor</u>	wet to dry periods
	<b>Spirea, Meadowsweet</b>	<u>Spiraea latifolia</u> (alba)	wet to dry
	<b>Spirea, Steeplebush</b>	<u>Spiraea tomentosa</u>	wet to dry periods
	<b>Swamp Azalea</b>	<u>Rhododendron viscosum</u>	wet to average
	<b>Sweet Pepperbush</b>	<u>Clethra alnifolia</u>	wet to dry periods
	<b>Viburnum, Arrowwood</b>	<u>Viburnum dentatum</u>	wet to average
	<b>Viburnum, Wild Raisin</b>	<u>Viburnum nudum, cassinoides</u>	wet to dry periods
	<b>TREES:</b>	<b>Atlantic White Cedar</b>	<u>Chamaecyparis thyoides</u>
<b>Black Gum</b>		<u>Nyssa sylvatica</u>	wet to dry periods

<b>Black Spruce</b>	<u>Picea mariana</u>	
<b>Pin Oak</b>	<u>Quercus palustris</u>	wet to dry periods
<b>River Birch</b>	<u>Betula nigra</u>	wet to dry periods
<b>Sycamore</b>	<u>Plantanus occidentalis</u>	wet to dry periods
<b>Tamarack</b>	<u>Larix laricina</u>	low drought tolerance

**PERENNIALS:**

<b>Blue Joint Grass</b>	<u>Calamagrostis canadensis</u>	wet to dry periods
<b>Blue Vervain</b>	<u>Verbena hastata</u>	wet to dry periods
<b>Boneset</b>	<u>Eupatorium perfoliatum</u>	wet to dry periods
<b>Cardinal Flower</b>	<u>Lobelia cardinalis</u>	wet to dry periods
<b>Cinnamon Fern</b>	<u>Osmunda cinnamomea</u>	tolerates some dry if mulched
<b>Cutleaf Coneflower</b>	<u>Rudbeckia laciniata</u>	wet to dry periods
<b>Great Blue Lobelia</b>	<u>Lobelia siphilitica</u>	wet to dry periods
<b>Joe Pye Weed</b>	<u>Eupatorium purpureum</u>	wet to dry periods
<b>Marsh Marigold</b>	<u>Caltha palustris</u>	needs moist soil
<b>Monkey Flower</b>	<u>Mimulus ringens</u>	wet to moist
<b>Riverbank Wild Rye</b>	<u>Elymus riparius</u>	wet to dry periods
<b>Royal Fern</b>	<u>Osmunda regalis</u>	tolerates some dry if mulched
<b>Sedges</b>	<u>Carex sp.</u>	wet to dry periods
<b>Soft Rush</b>	<u>Juncus effuses</u>	wet to moist
<b>Stout Wood-Reedgrass</b>	<u>Cinna arundinacea</u>	wet to dry periods
<b>Swamp Aster</b>	<u>Aster puniceus</u>	wet to dry periods
<b>Swamp Rose Mallow</b>	<u>Hibiscus moscheutos</u>	wet to dry periods
<b>Swamp Milkweed</b>	<u>Asclepias incarnata</u>	wet to dry periods
<b>Sweet Flag</b>	<u>Acorus calamus</u>	wet to average periods
<b>Switch Grass</b>	<u>Panicum virgatum</u>	wet to dry
<b>Three-way Sedge</b>	<u>Dulichium arundinaceum</u>	
<b>Turtlehead</b>	<u>Chelone glabra</u>	wet to dry periods
<b>White Wood Aster</b>	<u>Aster divaricatus</u>	wet to dry periods

**RIPARIAN FRINGE**

Periodically inundated area; tolerant of exposure during dry periods.

Same as above category, but add:

<b>SHRUBS:</b>	<b>Bayberry</b>	<u>Myrica pensylvanica</u>	wet to dry periods
	<b>Highbush Blueberry</b>	<u>Vaccinium corymbosum</u>	wet to dry periods
	<b>Inkberry</b>	<u>Ilex glabra</u>	wet to dry periods
	<b>Swamp Rose</b>	<u>Rosa palustris</u>	wet to dry periods
	<b>Spicebush</b>	<u>Lindera benzoin</u>	wet to dry periods
	<b>Viburnum-American Cranberry Bush</b>	<u>Viburnum trilobum</u>	wet to dry periods
	<b>Viburnum - Nannyberry</b>	<u>Viburnum lentago</u>	wet to dry periods
	<b>Witchhazel</b>	<u>Hamamelis virginiana</u>	wet to dry periods

<b>TREES:</b>	<b>Green Ash</b>	<u>Fraxinus pennsylvanica</u>	wet to dry periods
	<b>Pagoda Dogwood</b>	<u>Cornus alternifolia</u>	wet to dry periods
	<b>Red Maple</b>	<u>Acer rubrum</u>	wet to dry

<b>PERENNIALS:</b>	<b>Aster</b>	<u>Aster species</u>	wet to dry periods
	<b>Bee Balm</b>	<u>Monarda fistulosa, punctata</u>	wet to average
	<b>Big Bluestem</b>	<u>Andropogon gerardii</u>	wet to dry periods
	<b>Christmas Fern</b>	<u>Polystichum acrostichoides</u>	wet to dry periods
	<b>Ironweed</b>	<u>Vernonia noveboracensis</u>	wet to dry periods
	<b>Seaside Goldenrod</b>	<u>Solidago sempervirens</u>	wet to dry periods
	<b>Sensitive Fern</b>	<u>Onoclea sensibilis</u>	wet to average