



Brandywine Conservancy

Native Species for Use in Vegetative Stormwater BMP's

These native plant species are recommended as a *general list* for use in vegetative stormwater management best management practices (BMP's) in the Piedmont region of southeastern Pennsylvania. This list provides a *foundation* intended to be *tailored and expanded* based on site-specific conditions and design goals. Species selection for each project must be based on *soil moisture and water regime* conditions that will occur, *recharge and quality* functions to be achieved, and *aesthetics, biodiversity and habitat value*. Applications may include Bioretention/Rain Gardens, Grassed Swales, Vegetated Filter Strips, Berms, Wet Meadows, Wet Basins and Constructed Wetlands.

<i>Soil Moisture/ Water Regime</i>	<i>Tree Species</i>	<i>Shrub Species</i>	<i>Herbaceous Species</i>
Dry to Moist Soil	Sassafras (<i>Sassafras albidum</i>)	Spicebush (<i>Lindera benzoin</i>)	Thin-leaved coneflower (<i>Rudbeckia triloba</i>)
	Flowering dogwood (<i>Cornus florida</i>)	Blackhaw (<i>Viburnum prunifolium</i>)	Broomsedge (<i>Andropogon virginicus</i>)
	Green ash (<i>Fraxinus pennsylvanica</i>)	Witchhazel (<i>Hamamelis virginiana</i>)	Redtop (<i>Agrostis alba</i>)
	Black cherry (<i>Prunus serotina</i>)	Highbush blueberry (<i>Vaccinium corymbosum</i>)	Little Bluestem (<i>Schizachyrium scoparium</i>)
Moist Soil/ Regular Saturation	River birch (<i>Betula nigra</i>)	Sweet pepperbush (<i>Clethra alnifolia</i>)	Swamp milkweed (<i>Asclepias incarnata</i>)
	Redbud (<i>Cercis canadensis</i>)	Winterberry holly (<i>Ilex verticillata</i>)	Bee-balm (<i>Monarda didyma</i>)
	Blackgum (<i>Nyssa sylvatica</i>)	Arrowwood (<i>Viburnum dentatum</i>)	Indian grass (<i>Sorghastrum nutans</i>)
	Shadbush (<i>Amelanchier canadensis</i>)	Silky dogwood (<i>Cornus amomum</i>)	Blue flag iris (<i>Iris versicolor</i>)
	Swamp white oak (<i>Quercus bicolor</i>)	Red-osier dogwood (<i>Cornus sericea</i>)	New England Aster (<i>Aster novae-angliae</i>)
	Sycamore (<i>Platanus occidentalis</i>)	Red chokeberry (<i>Aronia arbutifolia</i>)	Switchgrass (<i>Panicum virgatum</i>)

<i>Soil Moisture/ Water Regime</i>	<i>Tree Species</i>	<i>Shrub Species</i>	<i>Herbaceous Species</i>
Regular Inundation and/or Poorly Drained	Black willow (<i>Salix nigra</i>)	Swamp rose (<i>Rosa palustris</i>)	Joe Pye Weed (<i>Eupatorium fistulosum</i>)
	Pin oak (<i>Quercus palustris</i>)	Smooth alder (<i>Alnus serrulata</i>)	Fox sedge (<i>Carex vulpinoidea</i>)
	Red maple (<i>Acer rubrum</i>)	Buttonbush (<i>Cephalanthus occidentalis</i>)	New York Ironweed (<i>Vernonia noveboracensis</i>)
Standing Water	Black gum (<i>Nyssa sylvatica</i>)	Elderberry (<i>Sambucus canadensis</i>)	Blue vervain (<i>Verbena hastata</i>)
	Swamp white oak (<i>Quercus bicolor</i>)	Swamp rose (<i>Rosa palustris</i>)	Arrow arum (<i>Peltandra virginica</i>)
	Sycamore (<i>Platanus occidentalis</i>)	Smooth alder (<i>Alnus serrulata</i>)	Pickerelweed (<i>Pontederia cordata</i>)
	Pin oak (<i>Quercus palustris</i>)	Buttonbush (<i>Cephalanthus occidentalis</i>)	Dark green bulrush (<i>Scripus atrovirens</i>)
	River birch (<i>Betula nigra</i>)	Elderberry (<i>Sambucus canadensis</i>)	Duck potato (<i>Sagittaria latifolia</i>)

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Sources (wholesale):

Octoraro Native Plants Nursery (717) 529-4099
New Moon Nursery (717) 529-3870
North Creek Nursery (610) 255-0100
Natural Landscapes Nursery (610) 869-3788
Ernst Conservation Seeds (800) 873-3321