



# WET DETENTION BASIN PLANTS

## PLANTS FOR SHALLOW WATER

<i>Acorus americanus</i> Iris-like foliage releases a lovely scent when crushed.	SWEET FLAG
<i>Echinodorus cordifolius</i> Another relative of the <i>Sagittarias</i> , this coastal plain species is a strong grower.	CREeping WATER PLANTAIN
<i>Peltandra virginica</i> This exotic-looking perennial grows well in shade or sun.	ARROW ARUM
<i>Sagittaria lancifolia</i> Wildlife relishes the <i>Sagittarias</i> ' tubers and seeds; this one has long narrow leaves.	BULLTONGUE
<i>Saururus cernuus</i> Cute white flower spikes even in deep shade.	LIZARD TAIL
<i>Sparanium americanum</i> Bright green strappy leaves emerge early in spring and disappear late in fall.	BUR-REED

<i>Alisma subcordatum</i> A relative of the <i>Sagittarias</i> , with small white flowers and rounded leaves.	WATER PLANTAIN
<i>Iris virginica</i> Very showy purple flowers in spring.	SOUTHERN BLUE FLAG IRIS
<i>Pontederia cordata</i> Lovely pale purple flower spikes in summer make this a favorite emergent.	PICKEREL WEED
<i>Sagittaria latifolia</i> People enjoy <i>Sagittarias</i> ' white flowers; this one has arrowhead-shaped leaves.	DUCK POTATO
<i>Schoenoplectus tabernaemontani</i> Up to 10 feet tall, this fast growing sun lover adds a deep green vertical accent.	SOFTSTEM BULRUSH
<i>Zizaniopsis miliacea</i> Magnificent coastal plain aquatic grass with persistent foliage.	WATER MILLET

## WETLAND GRASSLIKE PLANTS

<i>Andropogon glomeratus</i> Attractive <i>Andropogon</i> with bushy seed heads the color of Golden Retrievers.	BUSHY BEARDGRASS
<i>Carex albolutensis</i> Lovely, fine leaves, neat clumping form, and delicate seed heads.	GREENWHITE SEDGE
<i>Carex crinita</i> Coarse, deep green leaves and distinctive, nodding seed heads.	FRINGED SEDGE
<i>Carex lurida</i> Robust sedge with yellow green foliage and large spiky seed heads.	SHALLOW SEDGE
<i>Carex vulpinoidea</i> Large but neat, with prominent seed heads held above foliage.	FOX SEDGE
<i>Cladium jamaicense</i> Coastal plain species for brackish marshes or salty stormwater wetlands.	SAWGRASS
<i>Juncus effusus</i> Despite its name, a rather stiff <i>Juncus</i> , deep green, excellent for erosion control.	SOFT RUSH
<i>Saccharum qiqanteum</i> Majestic flower heads - the native equivalent of Pampas Grass.	SUGAR CANE PLUMEGRASS
<i>Scirpus cyperinus</i> This grass-like plant has large woolly seed heads which some find attractive.	WOOL GRASS

<i>Carex alata</i> Sedge with rather delicate leaves and small seed clusters.	BROADWING SEDGE
<i>Carex comosa</i> Coarse leaves, rather pale, and spiky "bottle brush" seed heads.	BOTTLE BRUSH SEDGE
<i>Carex lupulina</i> Robust sedge with yellow green foliage and large spiky seed heads.	HOP SEDGE
<i>Carex tribuloides</i> Lovely, fine leaves, neat clumping form, and delicate seed heads.	BRISTLEBRACT SEDGE
<i>Chasmanthium latifolium</i> Tolerates all conditions, even dry shade, with beautiful nodding seed heads.	RIVER OATS
<i>Juncus coriaceus</i> Slightly smaller than <i>J. effusus</i> , with glossy seed capsules.	LEATHERY RUSH
<i>Panicum virgatum</i> Attractive, tolerates flooding, good soil stabilizer, seeds eaten by quail & turkey.	SWITCHGRASS
<i>Scirpus americanus</i> This grass-like plant can tolerate heavy grazing as well as brackish water.	THREE-SQUARE

## WETLAND FLOWERS

<i>Asclepias incarnata</i> Large pink flower clusters; an important butterfly plant - and very beautiful.	SWAMP MILKWEEED
<i>Conoclinium coelestinum</i> A vigorous, sprawling perennial producing masses of azure flowers in fall.	WILD AGERATUM
<i>Eupatorium alba</i> A robust <i>Eupatorium</i> with white flowers.	BONESET
<i>Hibiscus coccineus</i> Even more magnificent than <i>Hibiscus moscheutos</i> , with rich scarlet blossoms.	SCARLET ROSE MALLOW
<i>Kosteletzkya virginica</i> Short lived, showy perennial up to 4 feet tall, pink flowers.	SEASHORE MALLOW
<i>Lobelia elonqata</i> Deep blue flower spikes enliven wet meadows in fall.	LONGLEAF LOBELIA

<i>Chelone glabra</i> White blooms shaped like little turtle heads. Does fine in partial shade or full sun.	WHITE TURTLEHEAD
<i>Eupatoriadelphus fistulosus</i> Soft rose, substantive and striking flower heads adorn this tall perennial.	JOE PYE WEED
<i>Helianthus anquistifolius</i> Tall perennial with small 'sunflowers' full of black seeds beloved by birds.	SWAMP SUNFLOWER
<i>Hibiscus moscheutos</i> A most striking perennial of sunny wetlands, with huge white to pink flowers.	ROSE MALLOW
<i>Lobelia cardinalis</i> Scarlet flower spikes on this perennial glow like beacons; a short-lived species.	CARDINAL FLOWER
<i>Pycnanthemum tenuifolium</i> Low growing "mint" topped with pinkish white flower clusters.	Narrow-leaved Mountainmint

*Solidago sempervirens* SEASIDE GOLDENROD  
Classic fall yellow flowers, tolerates brackish water and salt spray. Great fall nectar.

*Vernonia noveboracensis* NEW YORK IRONWEED  
Famous for the strength of its root system - and its purple fall flowers.

## PLANTS FOR DEEP WATER

*Lemna species* DUCKWEED  
Tiny, free floating aquatic. Normally comes in on its own; may clog orifices.

*Potamogeton perfoliatus* PONDWEED  
Another one of several interchangeable semi-rooted submersed aquatics.

## SHRUBS

*Alnus serrulata* HAZEL ALDER  
Tall, dense shrub with many delicate trunks, small "pine cones" in fall and winter.

*Aronia arbutifolia* RED CHOKEBERRY  
Brilliant scarlet fall foliage and winter fruit; rather sparse unless very happy.

*Cephalanthus occidentalis* BUTTONBUSH  
White pompom flowers cover this shrub all summer; a butterfly magnet.

*Cornus amomum* SILKY DOGWOOD  
Tall shrub with inconspicuous flowers but lovely porcelain blue fall fruits.

*Ilex glabra* INKBERRY  
Chest high, small evergreen leaves, native to coastal plain.

*Itea virginica* VIRGINIA WILLOW  
Small shrub with white spring flowers, fine fall color. Very tolerant.

*Myrica (Morella) cerifera* WAX MYRTLE  
Large evergreen, scented foliage, native to coastal plain but widely planted as ornamental.

*Rosa palustris* SWAMP ROSE  
Pink single flowers and small red hips. THORNY; use as barrier.

*Sambucus canadensis* ELDERBERRY  
White flower heads and purple summer fruits relished by birds, adaptable.

*Viburnum nudum* POSSUMHAW  
Large shrub with lacy spring flowers, purple fall fruit, & lovely lustrous leaves.

## Sized for Strength

We grow herbaceous (non-woody) species in tall, narrow containers called LARGE PLUGS. These containers hold 4.9 to 6.7 cubic inches of media and are the ideal size for stormwater wetlands. Their narrowness makes them fast to plant, their depth makes them stain in place in erosion-prone situations, and their ample root mass allows explosive growth after installation. We are happy to grow herbaceous species in gallons or other sizes upon request. Shrubs for stormwater wetlands are provided in trade one gallon containers, which perform well in shallow land / temporary inundation zones.

## Effortless Packaging

To prepare large plugs for shipping we remove them from their containers and place them in strong waterproof bags holding 25 to 75 plants each. The bags keep the plants' roots moist, are easy to carry over rough terrain, and eliminate the hassle of returning, recycling, or throwing away masses of pots.

## Diverse Local Genetics

It's not enough for our plants to be beautiful - they have to thrive and produce offspring indefinitely, through floods, droughts, insect attacks and disease pressure, without human intervention. So we avoid cultivars like the plague and propagate our plants from seed we collect ourselves from wild plants in North Carolina. Local genes ensure that our plants can stand up to whatever the local environment throws at them.

## Expert Advice

Using plants to clean up stormwater is a far cry from traditional horticulture. Our new customers are often unfamiliar with the plants, planting zones and installation techniques for these applications. So we made technology transfer an integral part of our mission and are happy to teach our customers all the tricks of the trade. Making sure that each of our customers' projects is a resounding success is what drives our business!

## Free Shipping and Delivery!

of large plugs throughout the coastal plain and piedmont of the Carolinas with a minimum order of 200 plants. Shipping and delivery on YOUR schedule, by UPS or our trucks.

## Need something not on this list?

If it's native to North Carolina wetlands, give us a call! This list only shows our favorite species, not our full inventory. If we don't grow the precise species you need, we can usually offer well-matched alternatives.