

Native Plants for Stormwater landscaping, Shoreline stabilization and Restoration

Scientific Name	Common Name	Qty	Full Sun			P sun		Bloom period						Height	Comments
			dry	mesic	wet	dry	mesic	May	June	July	Aug	Sept	Oct		
FORBS/FLOWERS															
<i>Allium stellatum</i>	Prairie onion		X	X	X	X	X							1-2'	Edges of raingarden, gravel/sand, good mass plantings, attracts butterflies
<i>Asclepias incarnata</i>	Swamp Milkweed			X	X		X							3-4'	Fragrant showy Birds, butterfly, muskrat, insects
<i>Asclepias tuberosa</i>	Butterfly Weed		X	X	X		X							1.5-2'	taproot butterflies, birds insects
<i>Aster laevis</i>	Smooth Blue aster		X	X	X		X							2-3'	10" root depth. Slow spread rate rhizomes
<i>Aster Inovae-anglia</i>	New England Aster		X	X	X		X							2-3'	10" root depth. Slow spread rate rhizomes
<i>Anemone canadensis</i>	Canada anemone			X	X		X							1-2'	rhizomes mass plantings
<i>Epilobium angustifolium</i>	fireweed			X	X		X							2-6'	coarse running rhizome like roots forms large mass hummingbirds,
<i>Coreopsis palmata</i>	Stiff tickseed		X	X	X		X							2-6'	rhizomes, plant in dry sunny sites, good slope stabilizer, attracts
<i>Geum triflorum</i>	Prairie Smoke		X	X	X		X	X						1'	thick scaly rhizomes, plant attractive all season game & songbirds
<i>Helianthus strumosus</i>	Pale leaf sunflower		X	X	X		X	X						2-4'	rhizomes , attracts bees, butterflies, and birds
<i>Heliopsis helianthoides</i>	Oxeye Sunflower		X		X		X							2-4'	Taproot. Attracts butterflies bees food & cover for goldfinch
<i>Iris versicolor</i>	Blue flag iris			X	X		X							2-3'	Bank stabilizer, Fish, frogs, birds, butterflies, muskrat
<i>Liatris aspera</i>	Rough Blazing Star		X	X	X		X							1.5-4'	Corm/rhizomes attracts birds butterflies
<i>Liatris ligulistylis</i>	Meadow Blazing Star			X	X		X							1-3'	thickened corm-like roots favorite liatris species of butterflies
<i>Liatris phdnostachya</i>	Great blazing star			X	X		X							3-4'	thickened corm-like roots , wet sandy soil, hummingbirds
<i>Lupinus perennis</i>	Wild Lupine		X	X	X		X	X						1-2'	nitrogen fixing, long-lived, dry sandy soil. Pollinator honey bees, bumble
<i>Monarda fistulosa</i>	Wild Bergamot		X	X	X		X	X						2-3.5	aromatic, great on sunny slopes butterflies bees hummingbirds
<i>Potentilla tridentata</i>	wineleaf cinquefoil			X	X		X							1"	ground cover can form 3 -8" mat acidic well drained acidic soil rocky,
<i>Phlox pilosa</i>	Prairie phlox				X		X							2'	taproot, self-sows, dead head to stimulate flowering, good soil stabilizer
<i>Ratibida pinnata</i>	Yellow Coneflower		X	X	X		X	X						3-5'	fibrous-rooted from stout woody rhizome tolerates most soils
<i>Rudbeckia hirta</i>	Black-eyed Susan		X	X	X		X	X						1-3'	self seeds taproot or cluster of fibrous roots grows on sand to heavy clay
<i>Rudbeckia laciniata</i>	Wild Golden Glow				X		X							3-8'	robust self-sowing competes well with non native invasives. Rhizomes
<i>Smilacina racemosa</i>	False Solomon Seal		X	X	X		X	X						2-3'	rhizomes, ideal soil moist, rich, & acidic part shade- shade, conical
<i>Solidago flexicaulis</i>	zig zag goldenrod				X		X							2-4'	long rhizomes, good for shady slopes and buffers, woodland plant restorations. Goldfinch, junco, ruffed, sharp tailed, and spruce grouse
<i>Solidago nemoralis</i>	Gray goldenrod		X		X		X							6"-2'	Caudex root system / rhizomes prop by seed, division and cuttings. Full sun dry soil sand, clay or gravel effective ground cover attracts pollinators,
<i>Solidago speciosa</i>	Showy goldenrod		X		X		X							2.-5'	rhizomes, dry well drained soils, clusters of yellow flowers that form dense pyramidal shape, leafy reddish stems attracts birds pollinators
<i>Thalictrum dioicum</i>	Early Meadow Rue			X	X		X							1-2'	fibrous roots, bees and butterflies good ground cover for shaded to p.sh
<i>Verbena hastata</i>	Blue vervain			X	X		X							3-6'	roots short spreading, rough hairs, bank stabilization, flood tolerant,
<i>Veronia fasciculata</i>	Ironweed			X	X		X							3-6'	E C buffers, slopes, shorelines forms clumps Thick stoloniferous root Nectar source butterflies etc
<i>Zizia aurea</i>	Golden Alexander			X	X		X							1-2'	Cluster of thickened roots Butterflies

Native Plants for Stormwater landscaping, Shoreline stabilization and Restoration

Scientific Name	Common Name	Qty	Full Sun			P sun		Bloom period						Height	Comments	
			dry	mesic	wet	dry	mesic	May	June	July	Aug	Sept	Oct			
GRASSES & SEDGES																
<i>Calamagrostis canadensis</i>	Blue joint grass			x	x		x								3-6'	Cool season grass E.C. Tawny plumed fall flowers forms thick stand good bank stabilizer Creeping rhizomes
<i>Carex radiada</i>	Eastern star/ aka wood			x			x	x							12"	fine leafed sedge
<i>Carex Sprengelii</i>	Sprengel's sedge						x	x							18"	Short creeping rhizomes, cool season -excellent woodland plant use for erosion control and soil stabilization part sun to shade attracts seed
<i>Carex Stricta</i>	Tussock sedge			x	x			x							2'	Stabilization, Deep vertical and lateral roots -- shoreline edge
<i>Carex vulpinoidea</i>	Fox Sedge			x	x										1-3'	Clumping, Short rootstock, use in rain gardens, upper shoreline zone stabilization attracts birds
<i>Glyceria grandis</i>	Tall manna grass														3-5'	Erosion control & shoreline stabilization, clumps, spreads by rhizomes, good habitat
<i>Schizachyrium scoparium</i>	Little bluestem		x	x											1-3'	grass copper color in fall clump erect, good on slopes
<i>Sorghastrum nutans</i>	Indian grass			x	x		x	x							4-8"	short rhizomes and deep fibrous roots make it excellent soil stabilizer for slopes, swales, and buffers Cover and seeds for song and game birds, attracts butterflies nutritious forage
<i>Spartina pectinata</i>	Prairie Cordgrass			x	x										3-6'	Erosion Control & shoreline stabilization gold fall color elegant arching foliage
<i>Sporobolus heterolepsis</i>	Prairie Dropseed			x	x										2-4'	long deep fibrous roots Graceful fountain like fine textured low clumps
Shrubs																
<i>Amorpha fruticosa</i>	False Indigo			x	x										10'	Fragrant foliage 24" root depth
<i>Amelanchier alnifolia</i>	Saskatoon serviceberry			x											12'	lakeshores, margins of bur oak, aspen woods dry-moist soil
<i>Amelanchier interior</i>	Inland juneberry			x											36'	large shrub may be rhizomatous, sandy or sandy loam soils,
<i>Aronia melanocarpa</i>	Black Chokecherry			x	x										3-6'	fruit consumed by cedar waxwings, game birds, browsers
<i>Diervilla lonicera</i>	Bush honeysuckle			x											1-3'	mass plantings green bronze arrow shaped leaf stoloniferous roots attracts butterflies. Eastern bluebird, finch junco, browse for deer, moose.
<i>Cornus amomum</i>	Round leaf dogwood		x	x			x	x							5-12'	common in forest understory moist to dry soamy or sandy soils
<i>Cornus sericea</i>	Red osier dogwood			x	x										6-12'	attracts butterflies, fowl, songbirds, waxwings, etc bank stabilization fibrous shallow roots, stoloniferous
<i>Symphoricarpos albus</i>	Common snowberry		x	x			x	x							3-4'	mound form grows in drifts or colonies. Fibrous shallow roots that sucker. Grows in any soil but prefers mesic to dry clays food for hummingbirds
<i>Vaccinium angustifloium</i>	Low bush blueberry		x	x			x	x							1-2'	med lifespan (20 years) low pH Root depth 16" moist to dry rocky sand soil
<i>Salix amygdaloides</i>	Peachleaf willow				x										6-20'	rhizomes, shoreline stabilizer, plant into rip rap near water level
<i>Salix exigua</i>	Sandbar willow				x										6-20'	rhizomes, shoreline stabilizer, plant into rip rap near water level