

Nine Mile Creek Watershed District Plants for Shoreline Buffers



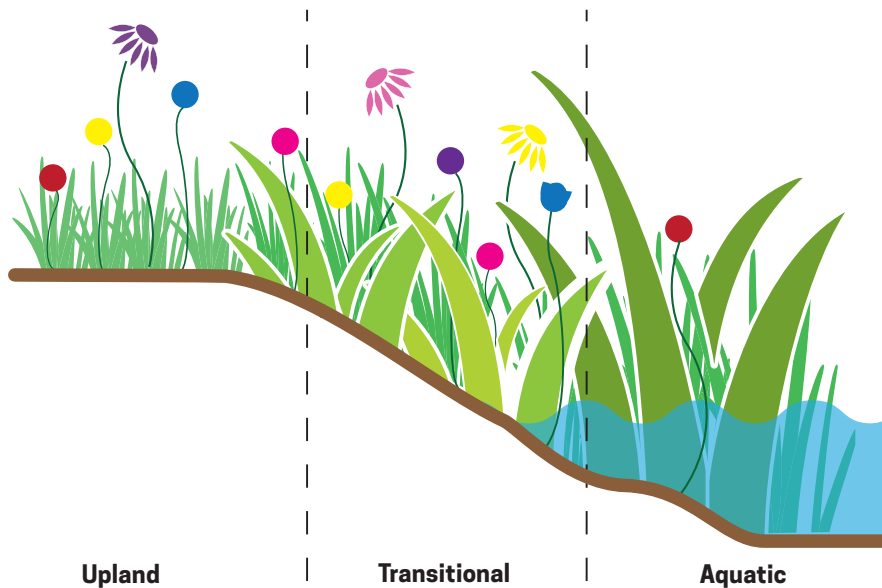
Shorelines heavily vegetated in native plants are essential for healthy water bodies. Well maintained buffers serve to: stabilize shoreland to reduce erosion, improve fish and wildlife habitat, filter nutrients and pollutants, and filter stormwater running to the waterbody. Shoreline buffer construction includes removal of existing vegetation or turf grass, installing native plants, installing erosion control measures such as erosion control blanket, sediment control log, or mulching.

The Buffer Zone Plant Lists below include both Minnesota and Midwest natives. The Midwest native often include cold tolerant (Max Zone 5) plants that have a history of successful growth in Minnesota as our ecology shifts and adapts to climate change.

The plant list identifies aggressive plants, which are plants that quickly spread and can eventually dominate a planting. These plants may be beneficial because they quickly stabilize the shoreline and create a dense filter for water running down to the waterbody. Carefully consider the traits listed to select the right plants for your buffer. The plants in the list are commonly available at local nurseries. Size of plants to be installed can range from small plugs to one-gallon containers.

COST SHARE APPLICANTS: To qualify for cost share grant reimbursement, you must choose plants for your shoreline buffer project from this list. To submit this list with your cost share application, place a check next to the plants you will use in your shoreline buffer. Save the form and submit it with your cost share application. Learn more at: ninemilecreek.org/grants/applications




Shoreline Buffer Zones:























































































































The shoreline buffer zone is comprised of three areas, **aquatic**, **transitional**, and **upland**. The **aquatic zone** contains plants that can withstand being in standing water. The **transitional zone** varies depending on slope and water level fluctuations, but typically the area extends from the edge of standing water to the Ordinary High Water (OHW) mark. Plants in the transitional zone are able to survive in moist and saturated soils. The **upland area** is the moist to dry area above the shoreline or OHW mark.






Perennial Flowers




 = Full Sun (>6 hours of daily sunlight)
  = Partial Sun (3 - 6 hours of daily sunlight)
  = Shade (<3 hours of daily sunlight)


















































































































 = Aquatic Zone
  = Transitional Zone
  = Upland

✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly	Very Aggressive
	Sweet Flag	<i>Acorus americanus</i>	 		3-5'		
	Fragrant (Anise) Hyssop	<i>Agastache foeniculum</i>	 	 	3-5'	X	
	Yellow Giant Hyssop	<i>Agastache nepetoides</i>	 		6'	X	
	Purple Giant Hyssop	<i>Agastache scrophulariaefolia</i>	 	 	6'	X	
	White Snakeroot	<i>Ageratina altissima</i>	 	 	2-3'	X	X
	Water Plantain	<i>Alisma subcordatum</i>			1-2'	X	
	Canada Anemone	<i>Anemone canadensis</i>	 	 	1-2'	X	X
	Angelica	<i>Angelica atropurpurea</i>	 		7'	X	X
	Spreading Dogbane	<i>Apocynum androsaemifolium</i>	 	 	2-3'	X	X
	Dogbane	<i>Apocynum cannabinum</i>	 		4'	X	X
	Clasping Dogbane	<i>Apocynum sibiricum</i>	 		5'	X	X
	Wild Columbine	<i>Aquilegia canadensis</i>	  	 	2'	X	
	Swamp Milkweed	<i>Asclepias incarnata</i>	 	 	3-6'		
	Purple Milkweed	<i>Asclepias purpurascens</i>	 	  	3'		
	Common Milkweed	<i>Asclepias syriaca</i>	 	 	3-6'	X	X
	New York Aster	<i>Aster novi-belgii</i>	 	 	4'		
	Canadian Milkvetch	<i>Astragalus canadensis</i>	 	  	3'	X	
	White Wild Indigo	<i>Baptisia alba</i>	 	  	3-4'		
	Swamp Marigold	<i>Bidens aristosa</i>	 		4'		
	Nodding Bur Marigold	<i>Bidens cernua</i>			3'		
	Downy Wood Mint	<i>Blephilia ciliata</i>	 	 	1'		
	False Aster	<i>Boltonia asteroides</i>	 	 	4'	X	X
	Sweet Indian Plantain	<i>Cacalia suaveolens</i>	  	 	7'	X	X
	Marsh Marigold	<i>Caltha palustris</i>	  		1'		
	Tall Bellflower	<i>Campanula americana</i>	 		5'	X	X
	Fireweed	<i>Chamaenerion angustifolium</i>	 	  	2-6'	X	
	Turtlehead	<i>Chelone glabra</i>	 	 	1-4'	X	X
	Purple Prairie Clover	<i>Dalea purpurea</i>		 	2-3'		
	Showy Tick Trefoil	<i>Desmodium canadense</i>	 	 	5'		
	Flat-Topped Aster	<i>Doellingeria umbellata</i>	 		4-6'	X	




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
































































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✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly	Very Aggressive
	Narrow-Leaved Coneflower	<i>Echinacea angustifolia</i>	 	 	1-2'	X	
	Willow Herb	<i>Epilobium coloratum</i>	 		1-2'	X	
	Tall Boneset	<i>Eupatorium altissimum</i>	 		4'		
	Boneset	<i>Eupatorium perfoliatum</i>	 	 	3-5'	X	
	Big Leaf Aster	<i>Eurybia macrophylla</i>	 	 	1-4'	X	
	Grass-Leaved Goldenrod	<i>Euthamia graminifolia</i>	 	  	2-5'	X	X
	Joe-Pye Weed	<i>Eutrochium maculatum</i>	 		2½-6'	X	X
	Sweet Joe Pye Weed	<i>Eutrochium purpureum</i>	 	 	7'	X	X
	Queen Of The Prairie	<i>Filipendula rubra</i>	 		5'	X	X
	Cream Gentian	<i>Gentiana alba</i>	 	 	1-2'		
	Bottle Gentian	<i>Gentiana andrewsii</i>	 	 	1-2'		
	Fringed Gentian	<i>Gentiana crinita</i>		 	1'		
	Yellow Avens	<i>Geum aleppicum</i>	  	 	2-4'		
	Purple Avens	<i>Geum rivale</i>	 	 	1-3'		
	Sneezeweed	<i>Helenium autumnale</i>		 	2-5'	X	
	Woodland Sunflower	<i>Helianthus divaricatus</i>		 	4'		
	Giant Sunflower	<i>Helianthus giganteus</i>	 		5-8'	X	
	Maximilian's Sunflower	<i>Helianthus maximiliani</i>	 	  	3-6'	X	X
	Stiff Sunflower	<i>Helianthus pauciflorus</i>	 	  	2-5'	X	X
	Jerusalem Artichoke	<i>Helianthus tuberosus</i>	 	 	7'	X	X
	Common Ox-Eye	<i>Heliopsis helianthoides</i>	 	 	2-4'	X	X
	Great St. Johnswort	<i>Hypericum pyramidatum</i>		 	2-5'	X	X
	Marsh St. John's Wort	<i>Hypericum virginicum</i>		 	2'	X	X
	Spotted Touch Me Not	<i>Impatiens capensis</i>	  		4'	X	X
	Yellow Jewelweed	<i>Impatiens pallida</i>	 	 	4'	X	
	Blue Flag Iris	<i>Iris versicolor</i>	 	 	2-4'		
	Round-Headed Bush Clover	<i>Lespedeza capitata</i>	 	 	2-4'	X	
	Rough Blazing Star	<i>Liatris aspera</i>	 	 	2-3'		
	Meadow Blazing Star	<i>Liatris ligulistylis</i>	 	 	2-5'		
	Prairie Blazing Star	<i>Liatris pycnostachya</i>		 	3-4'		




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
















































































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	Dense Blazing Star	<i>Liatris spicata</i>		 	3-4'		
	Turk's Cap Lily	<i>Lilium michiganense</i>	 		3-6'		
	Cardinal Flower	<i>Lobelia cardinalis</i>	  	 	2-4'		
	Great Blue Lobelia	<i>Lobelia siphilitica</i>	 	  	1-1½'	X	
	Wild Lupine	<i>Lupinus perennis</i>	 	 	1-1½'		
	Fringed Loosestrife	<i>Lysimachia ciliata</i>	 		1-2'	X	
	River Loosestrife	<i>Lysimachia hybrida</i>	 	 	3'	X	
	Prairie Loosestrife	<i>Lysimachia quadriflora</i>	 	 	2'	X	
	Swamp Candles	<i>Lysimachia terrestris</i>		 	3'	X	
	Wild Mint	<i>Mentha arvensis</i>	  	 	2'	X	
	Monkey Flower	<i>Mimulus ringens</i>	 		1-2'		X
	Wild Bergamot	<i>Monarda fistulosa</i>	 	 	2-4'	X	
	Spotted Bee Balm	<i>Monarda punctata</i>	 	 	1-2'	X	X
	Common Evening Primrose	<i>Oenothera biennis</i>	 	 	6'	X	
	Stiff Goldenrod	<i>Oligoneuron rigida</i>	 	 		X	
	Golden Ragwort	<i>Packera aurea</i>	 	 	1-3'	X	X
	Balsam Ragwort	<i>Packera paupercula</i>	 	 	1-3'	X	
	Wood Betony	<i>Pedicularis canadensis</i>	 	 	1'	X	
	Slender Penstemon	<i>Penstemon gracilis</i>	 		1-2'		
	Prairie Phlox	<i>Phlox pilosa</i>	 	  	1-2'	X	
	Obedient Plant	<i>Physostegia virginiana</i>	  	 	1½-4'		X
	Marsh Cinquefoil	<i>Potentilla palustris</i>	  		2'		
	Mountain Mint	<i>Pycnanthemum virginianum</i>	 	 	2-4'	X	
	Swamp Buttercup	<i>Ranunculus hispidus</i>	 	 	1-1½'		X
	Bristly Buttercup	<i>Ranunculus pensylvanicus</i>		 	1'		
	Long-Headed Coneflower	<i>Ratibida columnifera</i>		 	2-3'	X	
	Yellow Coneflower	<i>Ratibida pinnata</i>		 	3-6'	X	
	Meadow Rose	<i>Rosa blanda</i>	  	  	3-5'	X	
	Black Eyed Susan	<i>Rudbeckia hirta</i>	 	 	1-3'	X	X
	Wild Golden Glow	<i>Rudbeckia laciniata</i>	  	 	5-6'	X	

Perennial Flowers




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  = Upland
















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	Sweet Black-Eyed Susan	<i>Rudbeckia subtomentosa</i>	 	  	5'	X	X
	Brown-Eyed Susan	<i>Rudbeckia triloba</i>	 		5'	X	X
	Swamp Dock	<i>Rumex verticillatus</i>	 	 	3'		X
	Arumleaf Arrowhead	<i>Sagittaria cuneata</i>		 	2'		
	Common Arrowhead	<i>Sagittaria latifolia</i>	 		1-3'		
	Cup Plant	<i>Silphium perfoliatum</i>	 		3-6'	X	
	Missouri Goldenrod	<i>Solidago missouriensis</i>	 	 	1-2'	X	X
	Gray Goldenrod	<i>Solidago nemoralis</i>	 	 	1-3'	X	X
	Showy Goldenrod	<i>Solidago speciosa</i>		 	2-3'	X	
	Great Bur Reed	<i>Sparganium eurycarpum</i>	 		3-5'		X
	Heart-Leaved Aster	<i>Symphotrichum cordifolium</i>	 	 		X	
	Heath Aster	<i>Symphotrichum ericoides</i>	 	 	1-3'	X	
	Smooth Aster	<i>Symphotrichum laeve</i>	 	  	2-5'	X	X
	Panicled Aster	<i>Symphotrichum lanceolatum</i>	 		2-5'	X	X
	New England Aster	<i>Symphotrichum novae-angliae</i>	 	 	4-5'	X	
	Aromatic Aster	<i>Symphotrichum oblongifolium</i>		 	1-2'	X	X
	Sky Blue Aster	<i>Symphotrichum oolentangiense</i>	 	 	2-4'	X	
	Crooked-Stemmed Aster	<i>Symphotrichum prenanthoides</i>	 		3'	X	X
	Red-Stalked Aster	<i>Symphotrichum puniceum</i>	  		3-5'	X	X
	Germander	<i>Teucrium canadense</i>	 		3'		X
	Prairie Spiderwort	<i>Tradescantia bracteata</i>	 	 	1'	X	
	Western Spiderwort	<i>Tradescantia occidentalis</i>	 	 	1-1½'	X	X
	Ohio Spiderwort	<i>Tradescantia ohiensis</i>	 	 	3'	X	X
	Blue Vervain	<i>Verbena hastata</i>		 	2-5'	X	X
	Hoary Vervain	<i>Verbena stricta</i>	 	 	2-4'	X	
	Ironweed	<i>Vernonia fasciculata</i>		 	2-5'	X	
	Culver's Root	<i>Veronicastrum virginicum</i>	 	 	3-5'	X	X
	White Camass	<i>Zigadenus elegans</i>	 	 	3'		
	Heart-Leaved Alexander	<i>Zizia aptera</i>	 	 	1-3'	X	
	Golden Alexander	<i>Zizia aurea</i>	 	  	1-3'	X	

Graminoids

(Grasses, Rushes, and Sedges)




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	Big Bluestem	<i>Andropogon gerardii</i>	 	  	4-8'	X	
	American Slough Grass	<i>Beckmannia syzigachne</i>			2'	X	X
	River Bulrush	<i>Bolboschoenus fluviatilis</i>	 		4-6'	X	
	Fringed Brome	<i>Bromus ciliatus</i>	 	 	2-3'	X	
	Blue Joint Grass	<i>Calamagrostis canadensis</i>	 	 	4-6'	X	X
	Golden-Fruited Sedge	<i>Carex aurea</i>	 	 	2'		
	Common Wood Sedge	<i>Carex blanda</i>	  	 	2'		
	Bottlebrush Sedge	<i>Carex comosa</i>	 	 	1-2'	X	
	Fringed Sedge	<i>Carex crinita</i>	  	 	2-3'		
	Awned Graceful Sedge	<i>Carex davisii</i>	 	 	2'		
	Large-Fruited Star Sedge	<i>Carex echinata</i>			3'		
	Common Bur Sedge	<i>Carex grayi</i>	  	 	3'	X	
	Porcupine Sedge	<i>Carex hystericina</i>			3'	X	
	Prairie Star Sedge	<i>Carex interior</i>	  	 	2'		
	Lake Sedge	<i>Carex lacustris</i>	  		2-4'	X	X
	Long-Toothed Lake Sedge	<i>Carex laeviconica</i>	 	 	4'	X	
	Slender Sedge	<i>Carex leptalea</i>	  		2'		
	Hop Sedge	<i>Carex lupulina</i>	  		2-3'		
	Palm Sedge	<i>Carex muskingumensis</i>	  	 	3'	X	
	Pennsylvania Sedge	<i>Carex pennsylvanica</i>	  	 	6-8"	X	X
	Straight-Styled Wood Sedge	<i>Carex radiata</i>	 	 	1'		
	Pointed Broom Sedge	<i>Carex scoparia</i>	 		1-2'		
	Bur-Reed Sedge	<i>Carex sparganioides</i>	 	 	3'		
	Sprengel's Sedge	<i>Carex sprengelii</i>	 	 	2-3'	X	
	Common Fox Sedge	<i>Carex stipata</i>	  	 	3'	X	
	Tussock Sedge	<i>Carex stricta</i>	 		1-3'	X	X
	Awl-Fruited Oval Sedge	<i>Carex tribuloides</i>	 	 	3'		
	Tufted Lake Sedge	<i>Carex vesicaria</i>	 		3'	X	
	Fox Sedge	<i>Carex vulpinoidea</i>	 	 	1-3'	X	
	Beak Grass	<i>Diarrhena americana</i>	 	 	2'	X	X

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	Spike Rush	<i>Eleocharis acicularis</i>			8"	X	
	Flatstem Spikerush	<i>Eleocharis compressa</i>	 		3-16"		
	Bald Spikerush	<i>Eleocharis erythropoda</i>		 	3'		
	Blunt Spike Rush	<i>Eleocharis obtusa</i>			1'		
	Spike-Rush	<i>Eleocharis ovata</i>	 		1-2'	X	
	Great Spike Rush	<i>Eleocharis palustris</i>			1'	X	
	Canada Wild Rye	<i>Elymus canadensis</i>	 	 	3-4'	X	
	Bottlebrush Grass	<i>Elymus hystrix</i>	 	 	2-3'	X	
	Riverbank Wild Rye	<i>Elymus riparius</i>	 		4'	X	
	Silky Wild Rye	<i>Elymus villosus</i>	 		3'	X	
	Virginia Wild Rye	<i>Elymus virginicus</i>	  	 	4'	X	
	Rattlesnake Manna Grass	<i>Glyceria canadensis</i>	 		3'	X	X
	American Manna Grass	<i>Glyceria grandis</i>	 		4-6'	X	X
	Fowl Manna Grass	<i>Glyceria striata</i>	  	 	1-3'	X	X
	Baltic Rush	<i>Juncus balticus</i>		 	3'		
	Canada Rush	<i>Juncus canadensis</i>	 	 	2'		
	Dudley's Rush	<i>Juncus dudleyi</i>		 	2'		
	Soft Rush	<i>Juncus effusus</i>		 	1-2'		
	Path Rush	<i>Juncus tenuis</i>	 	  	1'		
	Torrey's Rush	<i>Juncus torreyi</i>			1'		
	Rice Cut Grass	<i>Leersia oryzoides</i>	 		4'	X	X
	Rough-Leaved Ricegrass	<i>Oryzopsis asperifolia</i>	 		1-2'	X	X
	Switch Grass	<i>Panicum virgatum</i>	 	  	3-4'	X	
	Fowl Bluegrass	<i>Poa palustris</i>	  		2'	X	X
	Little Bluestem	<i>Schizachyrium scoparium</i>	 	 	2-3'		
	Hardstem Bulrush	<i>Schoenoplectus acutus</i>			6'	X	X
	Dark-Green Bulrush	<i>Schoenoplectus atrovirens</i>			5'	X	X
	Soft-Stem Bulrush	<i>Schoenoplectus tabernaemontani</i>			3-6'	X	X
	Wool Grass	<i>Scirpus cyperinus</i>			3-4'	X	
	Indian Grass	<i>Sorghastrum nutans</i>	 	  	4-6'	X	






























































































Graminoids (Grasses, Rushes, and Sedges)




 = Full Sun (>6 hours of daily sunlight)
  = Partial Sun (3 - 6 hours of daily sunlight)
  = Shade (<3 hours of daily sunlight)




 = Aquatic Zone
  = Transitional Zone
  = Upland

✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly	Very Aggressive
	Cord Grass	<i>Spartina pectinata</i>	 	 	3-7'	X	X
	Purpletop	<i>Tridens flavus</i>	 		4'	X	
	River Oats*	<i>Uniola latifolia</i>			3'		























































Shrubs

✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly	Very Aggressive
	Saskatoon Serviceberry	<i>Amelanchier alnifolia</i>		 	6'	X	
	Downy Serviceberry	<i>Amelanchier arborea</i>	 	 	20'	X	
	Inland Serviceberry	<i>Amelanchier interior</i>	  	 	15-35'	X	
	Roundleaf Serviceberry	<i>Amelanchier sanguinea</i>	 	 	20-25'	X	
	Running Serviceberry	<i>Amelanchier stolonifera</i>	 		6'	X	
	False Indigo	<i>Amorpha fruticosa</i>		 	10'		
	Black Chokeberry	<i>Aronia melanocarpa</i>	 	 	3-6'		
	Buttonbush	<i>Cephalanthus occidentalis</i>	 	 	6'		
	Silky Dogwood	<i>Cornus amomum</i>	 	 	10'	X	X
	Gray Dogwood	<i>Cornus racemosa</i>	 	  	15'	X	X
	Roundleaf Dogwood	<i>Cornus rugosa</i>	 	 	8-10'	X	X
	Red Osier Dogwood	<i>Cornus sericea</i>	 	 	6-12'	X	X
	American Hazelnut	<i>Corylus americana</i>	 		8'	X	
	Lowbush Honeysuckle	<i>Diervilla lonicera</i>	  	 	3'	X	
	Common Witch Hazel	<i>Hamamelis virginiana</i>	 	 	20'		
	Winterberry	<i>Ilex verticillata</i>	 	 	10'		
	Common Ninebark	<i>Physocarpus opulifolius</i>	 	 	6'		
	Prickly Gooseberry	<i>Ribes cynosbati</i>	 	 	4'		
	Missouri Gooseberry	<i>Ribes missouriense</i>	 	 	4'		
	Meadow Rose	<i>Rosa blanda</i>	  	  	1½-5'	X	X
	Pasture Rose	<i>Rosa carolina</i>		 	6'	X	X
	Thimbleberry	<i>Rubus parviflorus</i>	 	  	1-3'	X	X
	Peach-Leaved Willow	<i>Salix amygdaloides</i>	 	 	60'	X	X



























































 = Full Sun (>6 hours of daily sunlight)
  = Partial Sun (3 - 6 hours of daily sunlight)
  = Shade (<3 hours of daily sunlight)

















































 = Aquatic Zone
  = Transitional Zone
  = Upland

Shrubs

✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly	Very Aggressive
	Pussy Willow	<i>Salix discolor</i>	  	 	25'	X	X
	Sandbar Willow	<i>Salix interior</i>		  	15-20'	X	X
	Shining Willow	<i>Salix lucida</i>		 	10'	X	X
	Autumn Willow	<i>Salix serissima</i>		 	5-6'	X	X
	American Elder	<i>Sambucus canadensis</i>	 	  	12'	X	
	Red-Berried Elder	<i>Sambucus racemosa</i>	 	 	15'	X	
	Meadow Sweet	<i>Spiraea alba</i>	 	 	4'	X	
	Steeplebush	<i>Spiraea tomentosa</i>	 	 	4'	X	
	White Snowberry	<i>Symphoricarpos albus</i>	 	  	5'	X	
	Coralberry	<i>Symphoricarpos orbiculatus</i>	 		4'	X	
	Nannyberry	<i>Viburnum lentago</i>	 	  	30'	X	X
	Downy Arrowwood	<i>Viburnum rafinesquianum</i>	  	 	6'		
	American Cranberry	<i>Viburnum trilobum</i>	 	 	10'		

Trees

✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly
	Silver Maple	<i>Acer saccharinum</i>	 	 	100'	X
	Speckled Alder	<i>Alnus rugosa</i>	 	 	30'	X
	Downy Serviceberry	<i>Amelanchier arborea</i>	  	 	25'	X
	Shadblow Serviceberry	<i>Amelanchier canadensis</i>	 		25'	X
	Allegheny Serviceberry	<i>Amelanchier laevis</i>	 		20-40'	X
	Yellow Birch	<i>Betula alleghaniensis</i>	 	 	85'	
	River Birch	<i>Betula nigra</i>	 	 	40-60'	X
	Bitternut Hickory	<i>Carya cordiformis</i>	 	 	50-70'	
	Shagbark Hickory	<i>Carya ovata</i>	  	 	80'	
	Common Hackberry	<i>Celtis occidentalis</i>	 	 	40-60'	
	Large-Seeded Hawthorn	<i>Crataegus flabellata</i>	  	 	20'	
	Fleshy Hawthorn	<i>Crataegus macracantha</i>	 	 	15-25'	
	Big-Fruit Hawthorn	<i>Crataegus macrosperma</i>	  	 	15'	
	Downy Hawthorn	<i>Crataegus mollis</i>	 	 	15-25'	

✓	Common Name (* = Midwest Native)	Scientific Name	Sun Exposure	Soil Moisture	Height	Spreads Willingly
	Butternut	<i>Juglans cinerea</i>		 	40-60'	
	Tamarack	<i>Larix laricina</i>			40-80'	
	Black Spruce	<i>Picea mariana</i>	 		30-70'	
	Eastern Cottonwood	<i>Populus deloides</i>	 	 	100'	X
	Bigtooth Aspen	<i>Populus grandidentata</i>	 		40-60'	X
	Quaking Aspen	<i>Populus tremuloides</i>		 	40-60'	X
	American Plum	<i>Prunus americana</i>	 	 	15-25'	X
	Pin Cherry	<i>Prunus pensylvanica</i>	 	 	20-40'	X
	Chokecherry	<i>Prunus virginiana</i>	 	 	15-25'	X
	Swamp White Oak	<i>Quercus bicolor</i>		  	50-60'	
	Peachleaf Willow	<i>Salix amygdaloides</i>		 	30-50'	
	Black Willow	<i>Salix nigra</i>		 	30-50'	
	American Linden	<i>Tilia americana</i>	 	 	50-70'	
	Canadian Hemlock	<i>Tsuga canadensis</i>	 	 	30-50'	