

Bioretention Plant List



WOODY:

Type	Genus	Species	Cultivar	Common Name	Height	Spread	Shade Tolerance	Flood Tolerance
Shrub	<i>Aesculus</i>	<i>parviflora</i>		Bottlebrush Buckeye	8-12'	8-15'	tolerant	intermediate
Shrub	<i>Aesculus</i>	<i>pavia</i>		Red Buckeye			tolerant	intermediate
Shrub	<i>Aronia</i>	<i>arbutifolia</i>	Brilliantissima	Red Chokeberry	6-9'	6-8'	intermediate	very
Shrub	<i>Aronia</i>	<i>melanocarpa</i>	autumn magic	Black Chokeberry	4'		intermediate	very
Shrub	<i>Cephalanthus</i>	<i>occidentalis</i>	(several cultivars)	Buttonbush	3-6'	3-6'	intermediate	very
Shrub	<i>Clethra</i>	<i>alnifolia</i>		Summer Sweet	6-8'	4-6'	tolerant	very
Shrub	<i>Clethra</i>	<i>alnifolia</i>	Ruby Spice	Summer Sweet	3-6'	3-6'	tolerant	very
Shrub	<i>Clethra</i>	<i>alnifolia</i>	hummingbird	Summer Sweet	30"	4'	tolerant	very
Shrub	<i>Cornus</i>	<i>amomum</i>		Silky Dogwood	6-10'	6-10'	not	very
Shrub	<i>Cornus</i>	<i>racemosa</i>		Gray Dogwood	10-15'	10-15'	tolerant	intermediate
Shrub	<i>Cornus</i>	<i>racemosa</i>	Muskingum	Gray Dogwood	2'	4'		
Shrub	<i>Cornus</i>	<i>sericea</i>	Isanti	compact red osier Dogwood	5'	5'	not	very
Shrub	<i>Cornus</i>	<i>sericea</i>	Silver and Gold	Silver and Gold Dogwood	5-7'			
Shrub	<i>Cornus</i>	<i>sericea</i>	Flavirama	yellow twig	7-9'	7-9'		
Shrub	<i>Hamamelis</i>	<i>vernalis</i>		Witch Hazel	10-12'		intermediate	very
Shrub	<i>Ilex</i>	<i>glabra</i>	Compacta	Compact Inkberry	3-4'	3-4'	tolerant	very
Shrub	<i>Ilex</i>	<i>glabra</i>	Nordic	Nordic Holly	3-4'	3-4'	tolerant	very
Shrub	<i>Ilex</i>	<i>verticillata</i>	Afterglow	Afterglow Winterberry	3-6'		intermediate	very
Shrub	<i>Ilex</i>	<i>verticillata</i>	Red Sprite	Red Sprite Winterberry	2-4'		intermediate	very
Shrub	<i>Itea</i>	<i>virginica</i>	Henry's Garnet	Virginia Sweetspire	3-4'	4-5'	very	very
Shrub	<i>Itea</i>	<i>virginica</i>	Sarah Eve	Virginia Sweetspire	3-4'			
Shrub	<i>Magnolia</i>	<i>virginiana</i>		Sweetbay Magnolia	15-20'	15-20'	very	intermediate
Shrub	<i>Myrica</i>	<i>pennsylvanica</i>		Bayberry	5-12'	5-12'	not	very
Shrub	<i>Physocarpus</i>	<i>opulifolius</i>	Diablo	ninebark	6-8'	6-8'	not	very
Shrub	<i>Potentilla</i>	<i>fruticosa</i>	Goldfinger	Goldfinger Potentilla	2-3'	3-4'	not	very
Shrub	<i>Potentilla</i>	<i>fruticosa</i>	Jackmanii	Jackman Potentilla	3-4'	3'		
Shrub	<i>Sambucus</i>	<i>canadensis</i>	Laciniata'	Elderberry	5-12'		very	very
Shrub	<i>Thuja</i>	<i>occidentalis</i>		Arborvitae			intermediate	tolerant
Shrub	<i>Vaccinium</i>	<i>corymbosum</i>		Highbush blueberry	4-8'	3-4'	tolerant	very
Shrub	<i>Vaccinium</i>	<i>hybrid</i>	ornablue	Highbush blueberry	3'	3'		
Shrub	<i>Vaccinium</i>	<i>hybrid</i>	tophat	Highbush blueberry	20"	2-3'		
Shrub	<i>Xanthorrhiza</i>	<i>simplicissima</i>		Yellowroot	2-3'		very	tolerant

Type	Genus	Species	Common Name
Tree	<i>Acer</i>	<i>rubrum</i>	Red Maple
Tree	<i>Acer</i>	<i>saccharinum</i>	Silver Maple
Tree	<i>Amelanchier</i>	<i>canadensis</i>	Service Berry
Tree	<i>Betula</i>	<i>nigra</i>	River Birch
Tree	<i>Celtis</i>	<i>occidentalis</i>	Hackberry
Tree	<i>Gleditsia</i>	<i>triacanthos var. inermis</i>	Honey Locust
Tree	<i>Gymnocladus</i>	<i>dioica</i>	Kentucky Coffee Tree
Tree	<i>Hamamelis</i>	<i>vernalis</i>	Witchhazel
Tree	<i>Liquidambar</i>	<i>styraciflua</i>	Sweetgum
Tree	<i>Magnolia</i>	<i>virginiana</i>	Sweetbay Magnolia
Tree	<i>Metasequoia</i>	<i>glyptostroboides</i>	Dawn Redwood
Tree	<i>Nyssa</i>	<i>sylvatica</i>	Tupelo, Blackgum
Tree	<i>Quercus</i>	<i>bicolor</i>	Swamp White Oak
Tree	<i>Quercus</i>	<i>palustris</i>	Pin Oak
Tree	<i>Salix</i>	<i>spp.</i>	Willows
Tree	<i>Taxodium</i>	<i>distichum</i>	Bald Cypress

HERBACEOUS:

Type	Genus	Species	Common Name	Basin	Side-slope
Forb	<i>Anemone</i>	<i>canadensis</i>	Canada anemone		x
Forb	<i>Anemone</i>	<i>virginiana</i>	thimbleweed		x
Forb	<i>Asclepias</i>	<i>incarnata</i>	swamp Milkweed	x	
Forb	<i>Asclepias</i>	<i>tuberosa</i>	butterfly weed		x
Forb	<i>Aster</i>	<i>dumosus (novi-belgii)</i>	New York aster		x
Forb	<i>Aster</i>	<i>laevis</i>	smooth aster		x
Forb	<i>Aster</i>	<i>novae-angliae</i>	New England aster	x	
Forb	<i>Baptisia</i>	<i>australis</i>	Blue false indigo		x
Forb	<i>Baptisia</i>	<i>leucantha</i>	White false indigo		x
Forb	<i>Boltonia</i>	<i>asteroides</i>	Boltonia (false aster)	x	
Forb	<i>Chelone</i>	<i>glabra</i>	Turtlehead	x	
Forb	<i>Coreopsis</i>	<i>tripteris</i>	Tall Coreopsis	x	
Forb	<i>Eryngium</i>	<i>yuccifolium</i>	rattlesnake master		x
Forb	<i>Eupatorium</i>	<i>maculatum</i>	Joe-pye weed	x	
Forb	<i>Eupatorium</i>	<i>perfoliatum</i>	Boneset	x	
Forb	<i>Geranium</i>	<i>maculatum</i>	Wild geranium		x
Forb	<i>Heliopsis</i>	<i>helianthoides</i>	Ox-eye sunflower	x	
Forb	<i>Iris</i>	<i>versicolor</i>	blue flag iris	x	
Forb	<i>Liatris</i>	<i>pycnostachya</i>	Prairie blazing star		x
Forb	<i>Liatris</i>	<i>spicata</i>	Dense blazing star	x	
Forb	<i>Lysimachia</i>	<i>ciliata</i>	fringed loosestrife		x
Forb	<i>Monarda</i>	<i>fistulosa</i>	wild bergamot		x
Forb	<i>Oenothera</i>	<i>fruticosa</i>	evening primrose		x
Forb	<i>Physostegia</i>	<i>virginiana</i>	False Dragonhead	x	
Forb	<i>Pycnanthemum</i>	<i>muticum</i>	Mountain mint		x
Forb	<i>Ratibida</i>	<i>pinnata</i>	Yellow coneflower		x
Forb	<i>Silphium</i>	<i>perfoliatum</i>	Cup plant	x	
Forb	<i>Smilacina</i>	<i>stellata</i>	starry solomon's seal		x
Forb	<i>Silphium</i>	<i>terebinthaceum</i>	Prairie dock		x
Forb	<i>Solidago</i>	<i>rugosa</i>	rough goldenrod	x	
Forb	<i>Tradescantia</i>	<i>ohiensis</i>	Ohio spiderwort		x
Forb	<i>Thalictrum</i>	<i>dasycarpum</i>	Meadowrue	x	
Forb	<i>Vernonia</i>	<i>fasciculata</i>	Ironweed	x	
Forb	<i>Veronicastrum</i>	<i>virginicum</i>	Culver's root	x	
Forb	<i>Zizia</i>	<i>aurea</i>	golden alexanders	x	x

Type	Genus	Species	Common Name
Grass	<i>Andropogon</i>	<i>gerardii</i>	Big Bluestem
Grass	<i>Carex</i>	<i>hystericina</i>	Porcupine sedge
Grass	<i>Carex</i>	<i>vulpinoidea</i>	Fox sedge
Grass	<i>Elymus</i>	<i>canadensis</i>	Canada wild-rye
Grass	<i>Panicum</i>	<i>virgatum</i>	Switch grass
Grass	<i>Spartina</i>	<i>pectinata</i>	Prairie cord grass

Type	Genus	Species	Common Name
Fern	<i>Onoclea</i>	<i>sensibilis</i>	sensitive fern
Fern	<i>Mattheuccia</i>	<i>struthiopteris</i>	ostrich fern
Fern	<i>Thelypteris</i>	<i>noveboracensis</i>	New York fern