

Menomonee Valley Species Palette

March 2006

Updated July 2006

Updated August 2006

Updated April 2007

Appendix A. Native Plant Palette – Trees and Shrubs

Use true native species of local or regional genotype/ecotype, rather than named cultivars. Preferably sexually propagated; if not available, then locally native selections. Specifying locally-grown plants ensures that the plants you receive are acclimatized to local conditions, and decreases the failure rate of plantings.

Trees

<i>Acer rubrum</i>	Red Maple
<i>Acer saccharinum</i>	Silver Maple
<i>Acer saccharum</i>	Sugar Maple
<i>Amelanchier arborea</i>	Serviceberry
<i>Amelanchier laevis</i>	Shadblow
<i>Betula alleghaniensis</i>	Yellow Birch
<i>Betula papyrifera</i>	Paper Birch
<i>Carpinus caroliniana</i>	Musclewood
<i>Carya cordiformis</i>	Bitternut Hickory
<i>Carya ovata</i>	Shagbark Hickory
<i>Celtis occidentalis</i>	Hackberry
<i>Cornus alternifolia</i>	Pagoda Dogwood
<i>Crataegus crusgalli</i>	Hawthorn
<i>Euonymus atropurpurea</i>	Eastern Wahoo
<i>Fagus grandifolia</i>	American Beech
<i>Fraxinus Americana</i>	White Ash
<i>Fraxinus pensylvanica</i>	Green Ash
<i>Gleditsia triacanthos</i>	Honey Locust
<i>Gymnocladus dioica</i>	Kentucky Coffee Tree
<i>Juniperus virginiana</i>	Eastern Redcedar
<i>Ostrya virginiana</i>	American Hophornbeam
<i>Platanus occidentalis</i>	Sycamore
<i>Populus deltoides</i>	Cottonwood
<i>Populus grandidentata</i>	Large-toothed Aspen
<i>Populus tremuloides</i>	Quaking Aspen
<i>Prunus americana</i>	American Plum
<i>Prunus serotina</i>	Black Cherry
<i>Prunus virginiana</i>	Chokecherry
<i>Quercus bicolor</i>	Swamp White Oak
<i>Quercus rubra</i>	Red Oak
<i>Salix nigra</i>	Black Willow
<i>Thuja occidentalis</i>	American White Cedar
<i>Tilia americana</i>	Basswood
<i>Ulmus americana</i>	American Elm

Ulmus rubra

Slippery Elm

Shrubs

Amelanchier stolonifera

Amelanchier

Aronia prunifolia

Chokeberry

Cephalanthus occidentalis

Buttonbush

Comarum palustre

Marsh Cinquefoil

Cornus amomum

Silky Dogwood

Cornus racemosa

Gray Dogwood

Cornus stolonifera

Redosier Dogwood

Corylus americana

Hazelnut

Diervilla lonicera

Diervilla

Hamamelis virginiana

Witchhazel

Ilex verticillata

Winterberry

Juniperus communus

Common Juniper

Pentaphylloides floribunda

Shrubby Cinquefoil

Physocarpus opulifolius

Ninebark

Rosa blanda

Early Wild Rose

Rosa carolina

Pasture Rose

Rhus glabra

Smooth Sumac

Rhus typhina

Staghorn Sumac

Salix discolor

Pussy Willow

Salix interior

Sandbar Willow

Salix nigra

Black Willow

Sambucus canadensis

Elderberry

Shepherdia canadensis

Buffaloberry

Spiraea alba

Meadowsweet

Viburnum acerifolium

Maple-leaved Viburnum

Viburnum lentago

Nannyberry

Viburnum rafinesquianum

Arrowwood Viburnum

Viburnum trilobum

American Highbush Cranberry

Appendix B. Native Plant Palette – Herbaceous

Use true native species of local or regional genotype/ecotype, rather than named cultivars. Specifying locally-grown plants ensures that the plants you receive are acclimatized to local conditions, and decreases the failure rate of plantings.

Native seedlings should be installed with a weak annual cover crop, to assist with the transition to native species cover and minimize weeds and erosion during establishment.

Example cover crop seed mix to be installed when seeding natives follows. Mix and rates should be adjusted appropriately for conditions.

Scientific Name	Common Name	Lb per acre
<i>Avena sativa</i>	Annual Oats	30
<i>Lolium multiflorum</i>	ANNUAL Rye	10
<i>Fagopyrum esculentum</i>	Annual Buckwheat	10
<i>Linum usitatissimum</i>	Annual Flax	10

Emergent aquatic conditions

Grasses/Sedges/Rushes

<i>Scirpus fluviatilis</i>	River Bulrush
<i>Scirpus validus creber</i>	Softstem Bulrush
<i>Sparganium eurycarpum</i>	Common Burreed

Forbs

<i>Acorus calamus</i>	Sweet Flag
<i>Alisma subcordatum</i>	Water Plantain
<i>Iris virginica shrevei</i>	Blue Flag Iris
<i>Pontederia cordata</i>	Pickereel Weed
<i>Sagittaria latifolia</i>	Arrowhead

Wet sunny conditions (continually moist/wet)

Grasses/Sedges/Rushes

<i>Andropogon gerardii</i>	Big Bluestem
<i>Bromus ciliatus</i>	Fringed Brome
<i>Calamagrostis canadensis</i>	Bluejoint Grass
<i>Carex bebbii</i>	Bebb's Sedge
<i>Carex comosa</i>	Bristly Sedge
<i>Carex hystericina</i>	Bottlebrush Sedge
<i>Carex scoparia</i>	Pointed Broom Sedge
<i>Carex vulpinoidea</i>	Fox Sedge
<i>Elymus villosus</i>	Silky Rye
<i>Elymus virginicus</i>	Virginia Wild Rye
<i>Glyceria striata</i>	Fowl Manna Grass
<i>Juncus dudleyii</i>	Dudley's Rush

Juncus torreyi
Leersia oryzoides
Panicum virgatum
Scirpus atrovirens
Spartina pectinata

Torrey's Rush
Rice Cutgrass
Switchgrass
Green Bulrush
Prairie Cordgrass

Forbs

Acorus calamus
Alisma plantago-aquatica
Angelica atropurpurea
Asclepias incarnata
Aster laevis
Aster novae-angliae
Aster puniceus
Aster simplex
Aster umbellatus
Bidens cernua
Bidens coronata
Bidens frondosa
Chelone glabra
Cirsium muticum
Epilobium coloratum
Eupatorium maculatum
Eupatorium perfoliatum
Gentiana andrewsii
Helenium autumnale
Helianthus grosseserratus
Iris virginica-shrevei
Liatris pycnostachya
Liatris spicata
Lobelia siphilitica
Lycopus americanus
Lythrum alatum
Mimulus ringens
Monarda fistulosa
Onoclea sensibilis
Physostegia virginiana
Pycnanthemum virginianum
Ratibida pinnata
Rudbeckia hirta
Rudbeckia laciniata
Rudbeckia subtomentosa
Senecio aureus
Silphium perfoliatum
Solidago graminifolia
Solidago riddellii
Thalictrum dasycarpum
Tradescantia ohiensis
Verbena hastata

Sweet Flag
Water Plantain
Angelica
Swamp Milkweed
Smooth Blue Aster
New England Aster
Swamp Aster
Panicked Aster
Flat-top Aster
Nodding Bur Marigold
Tall Swamp Marigold
Common Beggar's Tick
Turtlehead
Swamp Thistle
Cinnamon Willow Herb
Spotted Joepyeweed
Boneset
Bottle Gentian
Sneezeweed
Sawtooth Sunflower
Wild Blueflag Iris
Prairie Blazingstar
Marsh Blazingstar
Great Blue Lobelia
Common Water Horehound
Winged Loosestrife
Monkey Flower
Wild Bergamot
Sensitive Fern
False Dragonhead
Mountain Mint
Yellow Coneflower
Black-eyed Susan
Cutleaf Coneflower
Sweet Blackeyed Susan
Golden Ragwort
Cupplant
Grass-leaved Goldenrod
Riddell's Goldenrod
Meadow Rue
Spiderwort
Blue Vervain

Vernonia fasciculata
Zizia aurea

Ironweed
Golden Alexander

Shrubs

Comarum palustre
Pentaphylloides floribunda

Marsh Cinquefoil
Shrubby Cinquefoil

Mesic sunny conditions

Typically seeded at 5-8 lb/acre for grasses
and 8-12 lb/acre for forbs.

Grasses/Sedges/Rushes

Andropogon gerardii
Bouteloua curtipendula
Bromus kalmii
Carex bicknellii
Elymus canadensis
Hierochloa hirta
Juncus tenuis
Muhlenbergia racemosa
Panicum virgatum
Sorghastrum nutans
Schizachyrium scoparium
Sporobolus heterolepis
Stipa spartea

Big Bluestem
Sideoats Gramma
Kalm's Brome
Bicknell's Sedge
Canada Wild Rye
Northern Sweetgrass
Path Rush
Wild Timothy
Switchgrass
Indian Grass
Little Bluestem
Prairie Dropseed
Needle Grass

Forbs

Agastache scrophulariaefolia
Anemone cylindrica
Aquilegia canadensis
Aster azureus
Aster laevis
Aster novae-angliae
Baptisia leucantha
Cacalia atriplicifolia
Cassia fasciculata
Coreopsis lanceolata
Coreopsis palmata
Desmodium canadense
Erigeron strigosus
Eryngium yuccifolium
Euphorbia corollata
Euthamia graminifolia
Frageria virginiana
Gaura biennis
Heliopsis helianthoides
Lespedeza capitata
Monarda fistulosa
Oenothera biennis

Purple Giant Hyssop
Thimbleweed
Columbine
Sky Blue Aster
Smooth Aster
New England Aster
Cream Wild Indigo
Pale Indian Plantain
Partridge Pea
Lance-leaved Coreopsis
Prairie Coreopsis
Canada Tick Trefoil
Daisy Fleabane
Rattlesnake Master
Flowering Spurge
Grassleaved Goldenrod
Wild Strawberry
Biennial Gaura
Oxeye Sunflower
Prairie Bush Clover
Wild Bergamot
Evening Primrose

<i>Onoclea sensibilis</i>	Sensitive Fern
<i>Parthenium integrifolium</i>	Wild Quinine
<i>Penstemon digitalis</i>	Penstemon
<i>Petalostemum purpureum</i>	Purple Prairie Clover
<i>Potentilla arguta</i>	Prairie Cinquefoil
<i>Pteridium aquilinum</i>	Bracken Fern
<i>Ratibida pinnata</i>	Yellow Coneflower
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia subtomentosa</i>	Sweet Blackeyed Susan
<i>Rudbeckia triloba</i>	Branched Coneflower
<i>Scrophularia lanceolata</i>	Early Figwort
<i>Scrophularia marilandica</i>	Late Figwort
<i>Silphium integrifolium</i>	Rosinweed
<i>Silphium laciniatum</i>	Compass Plant
<i>Silphium terebinthinaceum</i>	Prairie Dock
<i>Solidago rigida</i>	Stiff Goldenrod
<i>Solidago speciosa</i>	Showy Goldenrod
<i>Verbena hastata</i>	Blue Vervain
<i>Verbena stricta</i>	Hoary Vervain
<i>Verbena urticifolia</i>	Nettle-leaved Vervain
<i>Zizia aurea</i>	Golden Alexander

Mesic edge/shade conditions (be careful to match moisture conditions)

Grasses/Sedges/Rushes

<i>Carex blanda</i>	Common Wood Sedge
<i>Carex gracilima</i>	Graceful Sedge
<i>Carex granularis</i>	Limestone Meadow Sedge
<i>Elymus hystrix</i>	Bottlebrush Grass
<i>Elymus villosus</i>	Silky Wildrye
<i>Elymus virginicus</i>	Virginia Wildrye

Forbs/Ferns

<i>Allium canadense</i>	Wild Garlic
<i>Anemone canadensis</i>	Canada Anemone
<i>Anemone cylindrical</i>	Thimbleweed
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit
<i>Asclepias exaltata</i>	Poke Milkweed
<i>Aster shortii</i>	Short's Aster
<i>Botrychium virginianum</i>	Rattlesnake Fern
<i>Caltha palustris</i>	Marsh Marigold
<i>Campanula americana</i>	Tall Bellflower
<i>Cardamine laciniata</i>	Toothwort
<i>Circaea lutetiana</i>	Enchanter's Nightshade
<i>Echinocystis lobata</i>	Wild Cucumber
<i>Eurybia macrophylla</i>	Bigleaf Aster
<i>Fragaria virginiana</i>	Wild Strawberry
<i>Galium triflorum</i>	Fragrant Bedstraw

<i>Geranium maculatum</i>	Wild Geranium
<i>Geum canadense</i>	White Avens
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf
<i>Impatiens capensis</i>	Jewelweed
<i>Iris virginica-shrevei</i>	Blueflag Iris
<i>Lobelia cardinalis</i>	Cardinal Flower
<i>Lobelia siphilitica</i>	Great Blue Lobelia
<i>Onoclea sensibilis</i>	Sensitive Fern
<i>Physostegia virginiana</i>	Obedient Plant
<i>Pilea pumila</i>	Clearweed
<i>Ranunculus hispidus</i>	Swamp Buttercup
<i>Rudbeckia laciniata</i>	Cutleaf Coneflower, Goldenglow
<i>Solidago flexicaulis</i>	Zigzag Goldenrod
<i>Symplocarpus foetidus</i>	Skunk Cabbage
<i>Teucrium canadense</i>	American Germander
<i>Triosteum perfoliatum</i>	Late Horsegentian

Appendix C. Low-mow grass mixes for use in small turf areas.

Use a low-mow low-maintenance turf grass mix that does not require or use irrigation. Seed mix should be at least 50% of a blend of Fine Fescue species (e.g. Chewings Fescue, Sheep Fescue) with no more than 50% Kentucky Bluegrass, seeded with an Annual Rye cover crop. These seed mixes are readily commercially available.

