

TRINITY ECO PRAYER PARK

PLANT LIST - PUBLIC (3/22/12)

Species selected by Beth Burkhart and Tate Lantz; Compiled by Ken Steinken

(For more information contact Ken Steinken – 605-342-9302)

Shortgrass Prairie:

Grass and sedge species

Blue Grama (*Bouteloua gracilis*) – 4-18”

Buffalograss (*Buchloe dactyloides*) – 6”

Hairy Grama (*Bouteloua hirsuta*) – 4-18”

Threadleaf sedge (*Carex filifolia*) – 3-10”

Forbs (wildflowers)

Yucca (*Yucca glauca*) – 1-4 ft. ++

Plains Pricklypear (*Opuntia polyacantha*) – 6”

Prairie Smoke (*Geum triflorum*) – 6-12” ++

Scarlet Globemallow (*Sphaeralcea coccinea*) – 4-12”

Gray Ragwort (*Senecio canus*) – 4-18”

Broom Snakeweed (*Gutierrezia sarothrae*) – to 3 ft. (“half shrub” / late color)

Indian Breadroot (*Pediomelum esculentum*) – 5-9”

Scarlet Gaura (*Gaura coccinea*) – 4-20”

Cutleaf Goldenweed (*Haplopappus spinulosus*) – 8-24”

Indianwheat (*Plantago patagonica*) – to 10”

Prairie Coneflower (*Ratibida columnifera*) – 1-3 ft. ++

Fringed sagewort (*Artemisia frigida*) – 4-16”

Western wallflower (*Erysimum asperum*) – 8-27”

Shrubs (Great Plains woody draw)

Wild plum (*Prunus americana*) – 3-10 ft.

Silver buffaloberry (*Shepherdia argentea*) – 6 ft.

Trees (Great Plains woody draw)

Rocky mountain juniper (*Juniperus scopulorum*) – 10-30 ft.

Midgrass Prairie:

Grass and sedge species

Big Bluestem (*Andropogon gerardii*) – 3-7 ft. *

Needlethread Grass (*Hesperostipa comata*) – 1-3 ft.

Prairie Dropseed (*Sporobolus heterolepis*) – 1-3½ ft. *

Western Wheatgrass (*Pascopyrum smithii*) – 1-2½ ft. *

Little Bluestem (*Schizachyrium scoparium*) – 1-3 ft. *

Green Needlegrass (*Stipa viridula*) – 1½-3 ft.

Sideoats Grama (*Bouteloua curtipendula*) – to 2 ft. *
 Prairie Sandreed (*Calamovilfa longifolia*) – 2-5 ft.* (sod grass)
 Sand dropseed (*Sporobolus cryptandrus*) – 1-3 ft. (bunch grass)
 Sideoats grama (*Bouteloua curtipendula*) – 8-24”
 Threadleaf sedge (*Carex filifolia*) – 3-10”

Forbs (wildflowers)

Purple Coneflower (*Echinacea angustifolia*) – 1-2 ft.
 Fringed Sagewort (*Artemisia frigida*) – 4-16”
 Aster ericoides (*heath aster*) – 12-20”
 Silverleaf Scurfpea (*Pediomelum argophyllum*) – 1-2 ft.
 Leadplant (*Amorpha canescens*) – 1-3 ft. *
 Dotted Gayfeather (*Liatris punctata*) – 1-3½ ft.
 Western Wallflower (*Erysimum asperum*) – to 2 ft.
 Purple Prairie Clover (*Dalea purpurea*) – 1-3 ft. *
 Large Indian breadroot (*Pediomelum esculentum*) – 5-9”
 Slimflower scurfpea (*Psoralidium tenuiflorum*) – 2-3 ft. (tumbleweed / drought resistant)
Cudweed sagewort (*Artemisia ludoviciana*) – 1-2½ ft.
 Field (Western) sagewort (*Artemisia campestris*) – 2-3 ft.
 Prairie spiderwort (*Tradescantia occidentalis*) – 4-16”
 Prairie Coneflower (*Ratibida columnifera*) – 1-3 ft.
 Stiff goldenrod (*Solidago rigida*) – 1-3 ft. (late color)
 Grassy (meadow) deathcamas (*Zigadenus venenosus* var. *gramineus*) – to 10”
 Prairie rose (*Rosa arkansana*) – to 18”
 Plains pricklypear (*Opuntia polyacantha*) – to 6”
 Missouri foxtail cactus (*Escobaria missouriensis*) – to 6”
 Spinystar (*Escobaria vivipara*) – to 6”

Shrubs (Great Plains woody draw)

Western Snowberry (*Symphoricarpos occidentalis*) – 1-3 ft.
 Broom snakeweed (*Gutierrezia sarothrae*) – to 3 ft.
 Chokecherry (*Prunus virginiana*) – 5-20 ft.
 Canada wildrye (*Elymus canadensis*) – 2-5 ft.
 Golden currant (*Ribes aureum*) – 5 ft.

Trees (Great Plains woody draw)

American elm (*Ulmus americana*) – to 100 ft.
 Box elder (*Acer negundo*) – to 40 ft.

Wetlands:

Grass and sedge species

Reed Canarygrass (*Phalaris arundinacea*) – 2-8 ft.
 Canada Bluegrass (*Poa compressa*) – 5-27” (sod / early colonizer)
 Prairie Cordgrass (*Spartina pectinata*) – 3-8 ft. *
 Flat-stemmed Spikerush (*Eleocharis compressa*) – to 2½ ft.

Creeping Spikerush (*Eleocharis palustris*) – 10-30”
 Softstem Bullrush (*Scirpus validus*) – 3-6 ft.
 Cloaked bulrush (*Scirpus pallidus*) – 1-5 ft.
 Alkali Cordgrass (*Spartina gracilis*) – 2-3 ft. *
 Nebraska sedge (*Carex nebrascensis*) – 1-3½ ft. (bluish-green)

Forbs (wildflowers)

Rocky Mountain iris (*Iris missouriensis*) – 8-24”

Shrubs

False Indigo (*Amorpha fruticosa*) – to 7½ ft.
 Red-osier Dogwood (*Cornus stolonifera* or *sericea*) – to 9 ft. ++ (winter color)

Trees

Peachleaf Willow (*Salix amygdaloides*) – to 50 ft.
 Green Ash (*Fraxinus pennsylvanica*) – to 75 ft. ++
 Paper Birch (*Betula papyrifera*) – to 45 ft.

Black Hills:

Grass and sedge species

Rough-leaved Ricegrass (*Oryzopsis asperifolia*) – 8-24” (clumps)
 Bluebunch Wheatgrass (*Pseudoroegneria spicata*) – 1-2 ft.
 Switchgrass (*Panicum virgatum*) – 1-3 ft. *
 Slender Wheatgrass (*Elymus trachycaulus*) – 1½-3 ft.
 Junegrass (*Koeleria macrantha*) – 6-20”
 Canada Wildrye (*Elymus canadensis*) – 2-5 ft. *
 Indiangrass (*Sorghastrum nutans*) – 1½-3 ft. *
 Blue joint grass (*Calamagrostis canadensis*) – 2-4½ ft.
 Prairie dropseed (*Sporobolus heterolepis*) – 1-3½ ft.
 Little bluestem (*Schizachyrium scoparium*) – 1-3 ft.
 Richardson's needlegrass (*Stipa richardsonii*) – 1½-3 ft.
 Poverty oatgrass (*Danthonia spicata*) – 6-24”
 Sun sedge (*Carex inops* ssp. *Heliophila*) – 4-10”

Forbs (wildflowers)

Star Lily (*Leucocrinum montanum*) – 2-8”
 Bracted Spiderwort (*Tradescantia bracteata*) – 4-18”
 Maximilian Sunflower (*Helianthus maximiliani*) – 1½-6 ft. *
 Blanket Flower (*Gaillardia aristata*) – 8-24” #
 Blackeyed Susan (*Rudbeckia hirta*) – 6-28” ++
 Wild Bergamot (*Monarda fistulosa*) – 1-2½ ft.
 Prairie Smoke (*Geum triflorum*) – 6-12” ++
 Woods rose (*Rosa woodsii*) – to 4½ ft.
 Leadplant (*Amorpha canescens*) – 1-3 ft.

Columbine (*Aquilegia canadensis*) – 1-3 ft.
Wood lily (*Lilium philadelphicum*) – 8-28”
Threenerve fleabane (*Erigeron subtrinervis*) – 8-36”
Missouri goldenrod (*Solidago missouriensis*) – 6-24”
Sticky purple geranium (*Geranium viscosissimum*) – 8-24”
Prairie thermopsis (goldenpea) (*Thermopsis rhombifolia*) – 8”

Shrubs

Big Sagebrush (*Artemisia tridentata*) – 3-6 ft.
Russet buffaloberry (*Shepherdia canadensis*) – 3-6 ft.

Trees

Ponderosa Pine (*Pinus ponderosa*) – to 100 ft. ++
Quaking Aspen (*Populus tremuloides*) – 45-60 ft. ++
Burr Oak (*Quercus macrocarpa*) – to 100 ft. ++

++ = available from Pennington County Conservation District at a minimal cost

* = available from Bismarck Plant Materials Center at no cost for educational purposes
(if supplies are available)

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Located at 4th and St. Joseph streets in downtown Rapid City, S.D., Trinity Eco Prayer Park is a Sustainable Green Cities Pilot Project that incorporates sustainable landscape design including stormwater runoff collection and native plantings.

Tax-deductible donations can be sent to Trinity Lutheran Church, 402 Kansas City St., Rapid City, S.D. 57701. For more information contact Ken Steinken at 605-342-9302 or trinityecoprayerpark@gmail.com.