

Dyck Arboretum of the Plains NATIVE PLANT GUIDE 2019

PLANT THIS. . .NOT THAT

By Scott Vogt, Executive Director and Horticulturist

In today's world of horticulture, there is a tremendous variety of plants to choose for your landscape. I love trying new things but when it comes to some of these introductions and selections, do we really know that much about the plants we select and how they will behave in our yard? The plants we do know about are natives. They are adapted to our climate and our pollinators and wildlife rely on them. These natives are accustomed to growing here and don't escape or cause ecological problems. Here is a list of commonly-used non-native plants and some of my suggestions for native alternatives:

Native Trees

Shumard oak • Caddo sugar maple • Bur oak • White oak

Native Alternatives for Understory

Red bud • Blackhaw viburnum • Serviceberry

Canada red chokecherry

Native Shrub Alternatives

Ninebark • Silky dogwood • Lead plant • Oakleaf hydrangea

Black chokeberry • New Jersey tea

Native Perennial Alternatives

White coneflower • Aster 'Snow Flurry' • White blazing star

Button blazing star • Penstemon

Blanketflower • Coreopsis

Introduced Trees

Ginkgo • Zelkova • Norway maple

Problematic Understory Plants

Bradford pear • Tree of heaven • Mimosa

Bush honeysuckle

Exotic Shrubs

Barberry • Burning bush • Butterfly bush • Japanese honeysuckle

Azalea • Rhododendron

Exotic Perennials

Shasta daisy

Purple loosestrife

Daylilies

This list is not complete, but the idea is that you have options when it comes to the plants you establish in your landscape. There are even some natives that can dominate a landscape, such as prairie dock, Canada goldenrod, sunflowers and asters. These plants have their place but not in a formal display bed next to your house. We would be happy to help steer you to some native plants that will excel in your yard, benefit wildlife, and not take over your yard.



YELLOW PURPLE CONEFLOWER



WHITE OAK



BUTTON BLAZING STAR



NEW JERSEY TEA

FloraKansas: Native Plant Festival & Sale

PLANT LIST 2019

Plant list
subject to
change!

SPRING SALE DATES

Member Pre-Sale: Thursday, April 25, 8 a.m. to 7 p.m.

Public Sale: Friday, April 26, 8 a.m. to 7 p.m.

Saturday, April 27, 8 a.m. to 5 p.m.

Sunday, April 28, 1 to 5 p.m.

Monday, April 29, 8 a.m. to 5 p.m.

FALL SALE DATES

Member Pre-Sale: Thursday, Sept. 5, 8 a.m. to 7 p.m.

Public Sale: Friday, Sept. 6, 8 a.m. to 7 p.m.

Saturday, Sept. 7, 8 a.m. to 5 p.m.

Sunday, Sept. 8, 1 to 5 p.m.

Dyck Arboretum of the Plains • 177 West Hickory, Hesston, KS 67062 • 620-327-8127 • www.dyckarboretum.org • arboretum@hesston.edu

THANK YOU FOR YOUR SUPPORT!

New For 2019	Scientific Name	Common Name	Color	Height (")	Bloom	Exposure	Soil
	PERENNIALS						
	Achillea 'Coronation Gold'	Yarrow	yellow	36-42	June-Aug	S	WM-MD
	Achillea 'Moonshine'	Yarrow	yellow	18-24	June-Aug	S	WM-MD
New!	Achillea m. 'Sassy Summer Sangria'	Yarrow	red	30-36	June-Aug	S	WM-MD
New!	Achillea 'Sassy Summer Sunset'	Yarrow	yellow	30-36	June-Aug	S	WM-MD
	Actaea pachypoda 'Misty Blue'	White Baneberry	white shades	24-36	May-June	mSh-Sh	WM-M
	Agastache foeniculum 'Golden Jubilee'	Golden Anise Hyssop	lavender	36	July-Sept	S	M-D
	Allium cernuum	Pink Nodding Onion	pink	10-20	July-Aug	S	WM-MD
	Allium stellatum	Prairie Onion	pink	10-20	July-Aug	S	M-D
	Amsonia 'Blue Ice'	Blue Star	blue	12-15	May-June	S-ltSh	WM-M
	Amsonia hubrichtii	Narrow Leaf Blue Star	blue	18-24	May-June	S-ltSh	WM-M
	Amsonia illustris	Shining Blue Star	blue	18-24	May-June	S-ltSh	WM-M
	Amsonia 'Storm Cloud'	Blue Star	blue	24-30	April-May	S-ltSh	WM-M
New!	Antennaria plantaginifolia	Pussy Toes	white	6-12	April-June	S	M-D
	Aquilegia canadensis	Canadian Columbine	red/yellow	12-24	April-May	S-Sh	M-D
	Arisaema triphyllum	Jack-in-the-pulpit	green	8-12	April-May	Sh	WM-M
	Asarum canadense	Wild Ginger	red/brown	12	May-June	S	M-MD
	Asclepias incarnata	Swamp Milkweed	pink	24-48	July-Sept	S	WM-M
	Asclepias speciosa	Showy Milkweed	purple	36-48	June-Aug	S-ltSh	M-D
	Asclepias syriaca	Common Milkweed	pink	48-60	June-Aug	S	M-D
	Asclepias sullivantii	Smooth Milkweed	pink	48	June-Aug	S	M-D
	Asclepias tuberosa	Butterfly Milkweed	orange	20-24	July-Aug	S-ltSh	M-D
	Asclepias t. 'Hello Yellow'	Yellow Butterfly Milkweed	yellow	20-24	June-Aug	S-ltSh	M-MD
	Asclepias viridis	Green Milkweed	grn/purple	20-40	May-July	S	M-D
	Asclepias verticillata	Horsetail Milkweed	white	12-36	June-Sept	S-ltSh	D-M
New!	Aster 'Alert'	Dwarf Aster	deep pink	12	Sept-Oct	S	M-D
	Aster divaricatus 'Eastern Star'	Woodland Aster	white	18-24	Sept-Oct	ltSh-mSh	WM-MD
	Aster ericoides 'Snow Flurry'	Heath Aster	white	6-8	Sept-Oct	S	WM-MD
	Aster laevis	Smooth Blue Aster	blue	24-36	Aug-Oct	S-mSh	WM-MD
	Aster lateriflorus 'Lady in Black'	Calico Aster	white	36	Aug-Oct	S-ltSh	WM-M
	Aster oblongifolius 'Dream of Beauty'	Aromatic Aster	pink	12-24	Sept-Oct	S	WM-MD
	Aster o. 'October Skies'	October Skies Aster	blue	18	Sept-Oct	S	WM-MD
	Aster o. 'Raydon's Favorite'	Aromatic Aster	blue	30-36	Oct-Sept	S	WM-MD
	Aster sericeus	Silky Aster	purple	12	Sept-Oct	S-ltSh	MD-D
	Baptisia australis var. minor	Blue False Indigo	dark blue	15-24	April-June	S	M-MD
	Baptisia 'Lemon Meringue'	False Indigo	yellow	35-40	May-June	S	M-MD
	Baptisia 'Blueberry Sundae'	False Indigo	indigo blue	36	May-June	S	M-MD
New!	Baptisia 'Dark Chocolate'	False Indigo	dark indigo/brown	36-48	May-June	S	M-MD
	Baptisia bracteata var leucophaea	Plains Wild Indigo	cream	12-20	April-May	S	M-D
New!	Baptisia Pink Lemonade'	False Indigo	pink/yellow	36	May-June	S	M-MD
	Baptisia 'Prairie Smoke'	Blue False Indigo	violet	36-48	May-June	S	M-MD
	Berlandiera lyrata	Chocolate Flower	yellow	18	May-Oct	S	M-D
	Callirhoe involucrata	Purple Poppy Mallow	red/purple	6	June-July	S	M-D
	Callirhoe digitata	Wine Cups	red-purple	24-48	June-July	S	M-D
	Ceanothus americanus	New Jersey Tea	white	24-36	May-June	S-ltSh	WM-MD
New!	Conoclinium 'Blue'	Mist Flower	blue	12-30	July-Oct	S-ltSh	WM-M
	Clematis fremontii	Fremont's Clematis	blue	12-16	Apr-May	S	M-D
New!	Clematis columbiana var tenuiloba	Rock Clematis	purple	5-12	June	S	M-D
	Coreopsis lanceolata	Lance-leaf Coreopsis	yellow	12-24	May-July	S	M-D
	Coreopsis palmata	Tickseed	yellow	24-36	July-Oct	S-ltSh	WM-MD
	Coreopsis grandiflora 'Presto'	Tickseed	yellow	12-24	June-August	S-ltSh	M

2019 FLORAKANSAS PLANT PRICES

Plant Pot Size

Price

2 1/2" perennials & vines	\$3.95
3 1/2" – 4" perennials & vines	\$5.50
6"–1 gallon perennials & vines	\$12.50
6" hostas	\$15.00
Proven Winner shrubs	\$12.50
1 gallon trees & shrubs	\$12.50
2 gallon trees & shrubs	\$23.00
3-5 gallon trees	\$32.00

A wide selection of herbs will be available from Neff Family Farm at the spring plant sale.

Members may utilize discounts/ coupons throughout FloraKansas.

Members may submit pre-sale orders until April 15th!

Funds generated from the sale of these plants help support our continuing mission to cultivate transformative relationships between people and the land.

	Dalea purpurea	Purple Prairie Clover	purple	15-18	July-Aug	S	M-D
	Dodecatheon meadia 'Aphrodite'	Pink Shooting Star	pink	15	May	ltSh-mSh	WM-MD
	Dodecatheon 'Album'	White Shooting Star	white	15	May	ltSh-mSh	WM-MD
	Echinacea purpurea 'Cygnet White'	White Coneflower	white	18-24	July-Sept	S	M-D
	Echinacea angustifolia	Narrow Leaf Coneflower	pink	18	May-June	S	M-D
	Echinacea pallida	Pale Coneflower	pink	36-48	June-July	S	M-D
	Echinacea paradoxa	Yellow Coneflower	yellow	24-48	June-Aug	S	M-D
	Echinacea purpurea 'Rubinstern'	Ruby Star Coneflower	red	36-42	July-Sept	S-ltSh	WM-MD
	Eryngium yuccifolium	Rattlesnake Master	white	36-48	July-Sept	S	WM-MD
	Engelmannia peristenia	Engelman's Daisy	yellow	24	May-July	S	D
	Erigeron 'Lynhaven Carpet'	Robin's Plaintain	white	12-15	May-July	Sh-ltSh	D-M
	Eupatorium dubium 'Baby Joe'	Dwarf Joe Pye Weed	pink	30-36	June-Sept	S-ltSh	WM-M
	Eupatorium maculatum 'Gateway'	Joe Pye Weed	red	72	July-Sept	S	WM-M
	Euphorbia corollata	Flowering Spurge	white	18-24	June-July	S	WM-MD
	Filipendula rubra 'Venusta'	Queen of the Prairie	pink	48	May-Aug	S-ltSh	W-M
	Geranium maculatum	Wild Geranium	lavender	12-24	Apr-June	ltSh-Sh	M-MD
New!	Gilenia trifoliata	Indian Physic	white	24-36	May-July	ltSh-Sh	M
	Heliopsis 'Burning Hearts'	Ox Eye Sunflower	orange/ylw	36-40	July-Aug	S	M-D
	Helenium flexuosum 'Tiny Dancer'	Sneezeweed	yellow	18-30	Aug-Sept	S-ltSh	M-W
	Helenium 'Rotgold'	Helen's Flower	red/orange	18-20	Aug-Sept	S	WM-M
New!	Hepatica americana	Round Liverleaf	white	6-8	March	ltSh-Sh	M
	Hymenoxys scaposa	Plains Hymenoxys	yellow	8	May-July	S	M-MD
New!	Ipomopsis aggregata	Scarlet Gilia	red	36	Aug-Oct	S	D-M
	Iris cristata	Crested Iris	blue	6	May-June	mSh-Sh	WM-M
	Iris virginica shrevei	Blue Flag Iris	blue	18-24	May-June	S-ltSh	W-M
	Iris fulva	Copper Iris	copper red	24-26	May-June	S-ltSh	M-W
	Liatris aspera	Button Blazing Star	purple	24-36	July-Oct	S	M-D
	Liatris ligulistylis	Mountain Blazing Star	purple	12-36	July-Sept	S	M-D
	Liatris punctata	Gayfeather	purple	12-24	July-Sept	S	M-D
	Liatris pycnostachya	Kansas Gayfeather	purple	30-50	July-Aug	S	W-M
	Liatris spicata	Marsh Blazing Star	purple	36	July-Aug	S	W-M
	Liatris 'Kobold Original'	Blazing Star	violet	36-60	July-Aug	S	M-D
	Linum perenne 'Lewisi'	Blue Flax	blue	15-18	May-Aug	S-ltSh	M-D
	Lobelia 'Blue Select'	Blue Cardinal Flower	blue	24-36	July-Sept	S-ltSh	M-W
	Lobelia cardinalis	Cardinal Flower	red	24-36	July-Sept	S-ltSh	M-W
New!	Lythrum alatum	Winged Loosestrife	purple	24-36	June-Sept	S	W-MW
New!	Maianthemum racemosum	False Solomon's Seal	white	24-36	April-May	mSh-Sh	M
	Mertensia virginica	Virginia Bluebells	blue	18-24	March-May	S-ltSh	M
New!	Monarda punctata	Spotted Horsemint	white/peach	18-24	June-July	S-ltSh	M-MD
	Monarda fistulosa	Wild Beebalm	pink	36-48	June-Aug	S-ltSh	WM-MD
New!	Monarda bradburiana	Eastern Bee Balm	pink	12-24	May	S-ltSh	WM-MD
	Oenothera macrocarpa	Missouri Evening Primrose	yellow	8-10	May-Sept	S	M-D
	Oenothera fremontii	Silver Leaf Evening Primrose	yellow	8-12	May-Sept	S	M-D
	Packera obovata	Golden Ragwort	yellow	12-16	April-June	ltSh	M-MW
	Parthenium integrifolium	Wild Quinine	white	24-36	June-Sept	S-mSh	M-MD
	Penstemon cobaea	Cobaea Beardtongue	white	9-15	May-June	S	M-D
	Penstemon grandiflorus	Shell-leaf Penstemon	lavender	24-36	May-June	S	MD-D
	Penstemon g. 'War Axe'	War Axe Penstemon	pink/purple	18-24	May-June	S	MD-D
	Penstemon g. 'Prairie Snow'	Shell Leaf Penstemon	white	18-24	May-June	S	M
	Phlox pilosa	Downy Phlox	lavender	12-16	May-July	ltSh	M
	Phlox divaricata	Woodland Phlox	blue	10-12	April-May	ltSh-Sh	WM-MD
	Phlox d. 'Louisiana Blue'	Woodland Phlox	dark blue	10-12	April-May	ltSh-mSh	WM-M

Exposure: S=Sun • ltSh=Light Shade (3-6 hrs shade) • mSh=Medium Shade (7-8 hrs shade) • Sh=Shade (all day shade)

Soil: W=Wet • M=Mesic-average garden soil • D=Dry • FC= fall color

New!	Podophyllum peltatum	Mayapple	white	12-18	April	ltSh-Sh	M
New!	Polemonium reptans	Jacob's Ladder	blue	12-20	April-June	ltSh-Sh	M
	Polygonatum biflorum	Great Solomon Seal	white	24	April-May	Sh	WM-MD
New!	Pulsatilla patens	Eastern Pasqueflower	lilac/white	6-12	March-April	S	M-D
	Ratibida columnifera 'Red'	Mexican Hat	red/yellow	18-36	Aug-Sept	S	D
	Rudbeckia fulgida var. fulgida	Autumn Coneflower	yellow	24-36	July-Oct	S-ltSh	WM-M
	Rudbeckia maxima	Giant Black-eyed Susan	yellow	60-84	May-July	S	WM-M
	Rudbeckia missouriensis	MO Black-eyed Susan	yellow	12-18	June-Aug	S	WM-MD
	Rudbeckia triloba 'Prairie Glow'	Brown-eyed Susan	orange/yellow	36-48	Aug-Oct	S	M
	Ruellia humilis	Prairie Petunia	lilac	6-8	May-Sept		
	Salvia pitcheri 'Nekan'	Pitcher Sage	blue	36-48	July-Sept	S	M-D
	Scutellaria resinosa 'Smoky Hills'	Resinous Skullcap	purple	6-12	May-July	S	M-D
	Silene regia	Royal Catchfly	red	24-40	July-Aug	S-ltSh	M-MD
	Silphium laciniatum	Compass Plant	yellow	48-96	July-August	S	WM-MD
	Silphium perfoliatum	Cup Plant	yellow	48-96	July-Aug	S-ltSh	WM-M
	Silphium terebinthinaceum	Prairie Dock	yellow	36-72	August-Sept	S	WM-MD
	Sisyrinchium 'Lucerne'	Blue-eyed Grass	blue	10	May-June	S-ltSh	WM-M
	Solidago canadensis 'Golden Baby'	Dwarf Goldenrod	yellow	18-24	Aug-Oct	S	WM-MD
	Solidago caesia	Wreath Goldenrod	yellow	24-36	Aug-Oct	ltSh-mSh	WM-MD
	Solidago drummondii	Cliff Goldenrod	yellow	15-18	Aug-Aug	S-ltSh	WM-MD
	Solidago nemoralis	Gray Goldenrod	yellow	12-36	Aug-Oct	S-ltSh	M-D
	Solidago odora	Scented Goldenrod	yellow	12-24	Aug-Sept	ltSh-mSh	M-D
	Solidago rigida	Stiff Goldenrod	yellow	36-60	Aug-Oct	S	WM-D
	Solidago rugosa 'Fireworks'	Fireworks Goldenrod	yellow	36-48	Sept-Oct	S	WM-MD
	Solidago 'Wichita Mountains'	Wichita Mountains Goldenrod	yellow				
	Stanleya pinnata	Prince's Plume	yellow	36-60	June-Sept	S	D
	Stylophorum diphyllum	Yellow Wood Poppy	yellow	15	May-July	Sh	WM-MD
	Talinum calycinum	Flameflower/Rock Pink	purple/pink	10	July	S	D-M
New!	Thalictrum 'Nimbus Pink'	Meadow Rue	pink	28	May-July	ltSh-mSh	M
	Tradescantia ohiensis	Ohio Spiderwort	blue	30-36	May-July	S-ltSh	WM-MD
	Tradescantia tharpaii	Shortstem Spiderwort	purple	8-18	March-Apr	S	MD-D
	Verbena canadensis	Rose Verbena	purple/pink	8-18	March-Oct	S	M-D
	Vernonia lettermanii 'Iron Butterflies'	Letterman's Ironweed	purple	30-36	Sept-Oct	S-ltSh	M-MD
	Viola pedata	Birds Foot Violet	purple	3-6	March-May	S-ltSh	M-D
	Veronicastrum v. 'Lavender Towers'	Culver's Root	lavender	36-72	June-Aug	S-ltSh	WM-M
	Zizia aptera	Golden Alexander	yellow	24-36	April-June	S-ltSh	WM-MD

FERNS

	Athyrium 'Godzilla'	Japanese Fern	silver/grn fronds	24-36	N/A	mSh-Sh	WM-M
	Athyrium 'Lady in Lace'	Lady Fern	bright grn fronds	24-36	N/A	mSh-Sh	WM-M
	Athyrium niponicum 'Pictum'	Japanese Painted Fern	purple fronds	12-24	N/A	mSh-Sh	WM-M
	Dryopteris erythrosora	Autumn Fern	copper fronds	24-30	N/A	mSh-Sh	WM-M
	Matteuccia struthiopteris	Ostrich Fern	green fronds	36-72	N/A	ltSh-Sh	W-M

GRASSES

	Andropogon gerardii 'Pawnee'	Big Bluestem	grass	60-72	July-Oct	S	WM-D
New!	Andropogon g. 'Rain Dance'	Big Bluestem	grass	60-72	July-Oct	S	WM-MD
	Bouteloua gracilis 'Blonde Ambition'	Golden Blue Grama	grass	12-24	Aug-Oct	S	WM-D
	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	grass	48-60	August	S-ltSh	WM-MD
	Calamagrostis acutiflora 'El Dorado'	Variagated Feather Reed Grass	grass	48-60	Aug-Oct	S-ltSh	WM-MD
	Carex amphibola	Creek Sedge	sedge	8-12	Aug-Oct	ltSh-mSh	WM-MD
	Carex brevior	Plains Oval Sedge	sedge	12	Aug-Oct	S-Sh	W-M
	Carex oshimensis 'Evergold'	Japanese Sedge	sedge	12	May	ltSh-Sh	M-D
	Carex pennsylvanica	Pennsylvania Sedge	sedge	8-10	Aug-Oct	mSh-Sh	D
	Carex texensis	Texas Sedge	sedge	12	July	ltSh-Sh	WM-MD
	Chasmanthium latifolium	Northern Sea Oats	grass	36	Aug-Oct	S-Sh	WM-MD
	Eragrostis spectabilis	Sand Love Grass	grass	36-48	Aug-Oct	S	M-MD
	Festuca 'Blue Whiskers'	Blue Fescue	grass	10-12	June-Aug	S-ltSh	D
	Miscanthus sinensis 'Oktoberfest'	Miscanthus	grass	72-84	Aug-Oct	S-ltSh	WM-MD
	Miscanthus s. 'Little Zebra'	Variagated Miscanthus	grass	36-48	Aug-Oct	S-ltSh	WM-MD
New!	Molina caerulea 'Skyracer'	Moor Grass	grass	60-72	June	S-ltSh	M
	Muhlenbergia capillaris	Ruby Muhly Grass	grass	36	July	S-ltSh	WM-M
	Nassella tenuissima	Mexican Feather	grass	24	June	S	M-D
New!	Panicum virgatum 'Thundercloud'	Tall Switchgrass	grass	48-96	July-Oct	S	WM-D
	Panicum v. 'Northwind'	Upright Switchgrass	grass	48-60	July-Oct	S	WM-MD
	Panicum v. 'Rostrahlbusch'	Red Switchgrass	grass	48-60	July-Oct	S	WM-MD
New!	Panicum v. 'Purple Tears'	Purple Switchgrass	grass	36-48	June-Oct	S	WM-MD
	Pennisetum alopecuroides 'Hamlen'	Fountain grass	grass	12-20	Aug-Oct	S-ltSh	WM-M
	Schizachyrium scop. 'Standing Ovation'	Little Bluestem	grass	36-48	July-Oct	S	M-D
	Schizachyrium s. 'Smoke Signal'	Little Bluestem	grass	36-48	July-Oct	S	M-D
	Schizachyrium s. 'Prairie Blues'	Little Bluestem	grass	36-40	July-Oct	S	M-MD
	Schizachyrium s. 'Blue Heaven'	Little Bluestem	grass	24-48	Aug	S	M-D
	Sorghastrum nutans	Indiangrass	grass	48-60	July-Oct	S	WM-D
	Sporobolus heterolepis	Prairie Dropseed	grass	18	June-Oct	S-ltSh	M-D
	Sporobolus h. 'Tara'	Prairie Dropseed	grass	12	June-Oct	S-ltSh	M-D

SHRUBS

	Amelanchier arborea	Serviceberry	white	15'-20'	March-April	S-ltSh	M
	Amorpha canescens	Leadplant	purple	24-36	June-July	S	M-D

	Aronia 'Low Scape Mound'	Low Growing Chokeberry	pink/white	12-24	May-June	S-ltSh	WM-MD
	Aronia melanocarpa 'Viking'	Viking Chokeberry	white fl w/blk fruit	36-60	May-June	S-mSh	WM-M
	Buddleia x Lo & Behold 'Blue Chip'	Blue Chip Butterfly Bush	lavender	24-30	June-Sept	S	M
	Buddleia 'Amethyst'	Purple Butterfly Bush	dark purple	24-36	June-Sept	S	M
	Buddleia 'Grand Cascade'	Butterfly Bush	pink/purple	40-60	July-Sept	S	M
	Buddleia 'Miss Molly'	Red Butterfly Bush	dark red	40-60	June-Sept	S	M
New!	Callicarpa 'Pearl Glam'	American Beautyberry	pink fruit	48-60	fall fruit	S-ltSh	WM-M
	Caryopteris 'Lil' Miss Sunshine	Bluebeard	blue/purple	30-36	Aug-Oct	S	M-MD
	Caryopteris 'Beyond Midnight'	Compact Bluebeard	blue	24-30	Aug-Oct	S	M-MD
	Cephalanthus 'Sugar Shack'	Buttonbush	white	36-48	July-Aug	S-ltSh	W-M
New!	Cornus alba 'Ivory Halo'	Puckered Leaf Dogwood	white	30 X 60	May	S	M-MD
	Corylus americana 'Sun Harvest'	Sun Harvest Filbert	brown	72-96	April	S-ltSh	WM-MD
	Cotinus 'Golden Spirit'	Chartreuse Smokebush	pink	72-96	June-July	S-mSh	WM-M
	Cotinus 'Grace'	Grace Smokebush	pink	15' X 8'	June-July	S-ltSh	WM-MD
New!	Ericameria nauseosa ssp. nauseosa	Rabbitbrush	yellow	36-48	July-Aug	S	D
	Hamamelis virginiana	Witchazel	pink	15'X15'	Oct-Dec	S-mSh	M
	Heptacodium miconioides	Seven Son Flower	white	10-15'	Aug-Oct	S-ltSh	WM-M
	Heptacodium 'Temple of Bloom'	Seven Son Flower	white	72-120	Aug	S-ltSh	WM-M
New!	Hydrangea arb. 'Invincibelle Wee White'	Dwarf Hydrangea	white	12-30	June-Aug	S-ltSh	W-M
	Hydrangea arb. Invincibelle Ruby	Hydrangea	pink	24-36	June-July	S-ltSh	W-M
	Hydrangea paniculata 'BOBO'	Bobo® Hardy Hydrangea	white	30-48	June-Aug	ltSh-mSh	WM-M
	Hydrangea paniculata 'Firelight'	Firelight Hardy Hydrangea	red	54-72	July-Aug	ltSh	WM-M
New!	Hydrangea quercifolia 'Snow Queen'	Oakleaf Hydrangea	white	48-60	June-Aug	ltSh-Sh	WM-M
	Hydrangea q. 'Little Honey'	Golden Oakleaf Hydrangea	white, red FC	36-48	June-Aug	ltSh-Sh	WM-M
	Hydrangea q. 'Munchkin'	Dwarf Oakleaf Hydrangea	white	36-48	June-Aug	ltSh-Sh	WM-M
	Hydrangea q. 'Ruby Slippers'	Ruby Blooming Hydrangea	ruby	36	June-Aug	ltSh-Sh	WM-M
New!	Hypericum calycinum	St. John's Wort	yellow	12-20	June-Aug	S-ltSh	M-D
	Ilex 'Mr Poppins	Winterberry Holly	berries	72-96	Nov-Jan	S-ltSh	M
	Ilex 'Gem Box'	Inkberry Holly	green	24-36	May	S-mSh	M
	Lagerstroemia 'G2X-13314'	Infinיתי™ Brite Pink Crapemyrtle	pink	24-48	June-Sept	S	WM-MD
	Lagerstroemia Double Dynamite	Dynamite® Crapemyrtle	true red	36-48	July-Sept	S	M-MD
	Lagerstroemia 'Pink Velour'	Crapemyrtle	pink	36-48	July-Sept	S	M-MD
	Lindera benzoin	Spicebush	red fruit ylw FC	6-12'	July-Oct	S-mSh	WM-M
New!	Lonicera caerulea 'Yezberry Maxie'	Haskap	edible	60-72	June	S-ltSh	M
New!	Lycium 'Red Zeppelin'	Goji Berry	edible	7-8'	July	S-ltSh	
New!	Potentilla 'Happy Face'	Bush Cinquefoil	yellow	24-36	July	S-mSh	M-D
	Philadelphus microphyllus	Little Leaf Mockorange	white	40-60	June	S-ltSh	M
	Physocarpus opuli. 'Golden Jubilee'	Golden Ninebark	white	60	May-June	S-ltSh	M
	Physocarpus o. 'Tiny Wine'	Dwarf Ninebark	white	36-48	May-June	S-ltSh	WM-M
	Physocarpus o. 'Tiny Wine Gold'	Dwarf Ninebark	pink	36-48	May-June	S-ltSh	WM-M
	Prunus besseyi 'Pawnee Buttes'	Western Sand Cherry	white	12-15	May-June	S	M-MD
	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	yellow	24-48	May-June	S-ltSh	WM-MD
	Rhus typhina 'Tiger Eyes'	Tiger Eyes Ctlf Sumac	yellow leaves	60-72	Aug-Sept	S-ltSh	WM-MD
	Ribes hirtellum 'Pixwell'	Gooseberry	red/green	36-48	May-June	S-ltSh	M-MW
New!	Rubus 'Heritage'	Red Raspberry	edible	48-60	June-Oct	S	M
	Salix 'Winter Glory'	Pussywillow	white	10-12'	April-May	S	M
	Salix 'Black Cat'	Pussywillow	black	10-12'	April-May	S	M
	Sambucus canadensis 'Adams'	Adams Elderberry	white	72-120	June-July	S-mSh	W-M
	Sambucus c. 'York'	York Elderberry	white	72-120	June-July	S-mSh	W-M
New!	Sambucus 'Instant Karma'	Variiegated Elderberry	white	72	June-July	S-ltSh	W-M
	Sambucus nigra 'Black Lace'	Black Lace™ Elderberry	white/pink	6-8'	June-July	S-mSh	WM-M
	Sambucus racemosa 'SMNSRD4'	Lemony Lace™ Elderberry	white	36-60	June-July	S-mSh	WM-M
	Spirea japonica 'SMSMBK'	Double Play® Blue Kazoo®	white	24-36	May-June	S-ltSh	WM-M
	Spirea 'Candy Corn'	Double Play® Candy Corn	dark purple	24-36	May-June	S-ltSh	WM-M
	Spirea betuifolia	Birchleaf Spirea	white	36	May	S-ltSh	M-D
	Symphoricarpos 'Proud Berry'	Coral Berry	pink	24-48	Aug-Oct	S-ltSh	M
	Syringa x 'SMSJPB7'	Bloomerang Dark Purple Lilac	dk purple	48-72	May-Sept	S-ltSh	WM-M
	Syringa x 'SMSXPM'	Scent and Sensibility™ Pink Lilac	pink	24-36	May-Sept	S-ltSh	WM-M
	Syringa hyacinthiflora 'Double Blue'	Standard Lilac	indigo	72-96	April-May	S	W-M
	Vaccinium vitis-idaea	Lingonberry	edible	8-12"	Sept	ltSh	W-M
	Viburnum bracteatum 'SMVDLS'	All That Glitters™ Viburnum	white	48-60	May-June	S-mSh	WM-M
	Viburnum cassinoides 'SMNVCCDD'	Lil' Ditty™ Viburnum	white	12-24	May-June	S-mSh	WM-M
	Viburnum dentatum 'Blue Muffin'	Blue Muffin Viburnum	white	5' X 7'	May	S-mSh	WM-M
New!	Viburnum 'Tandoori Orange'	Linden Viburnum	white	7' X 7'	May	S-mSh	WM-M
	Viburnum prunifolium	Blackhaw Viburnum	white	8' X 12'	May-June	S-ltSh	WM-M
	Viburnum x rhytidop. 'Allegheny	Leather-leaf Viburnum	white	8' X 10'	May-June	S-ltSh	WM-M

VINES

New!	Amelopsis brevipedunculata elegans	Porcelain Berry	blue berries	vine	July	S-Sh	M-MD
	Celastrus scandens 'Bailumn'	Autumn Revolution Bittersweet	fall red berries	vine	Aug-Oct	S-Sh	WM-MD
New!	Clematis 'Violet Double Elizabeth'	Clematis	violet	vine	May, Aug	ltSh-mSh	M
New!	Clematis 'Tiaga'	Clematis	purple	vine	May-Aug	ltSh	M
	Clematis virginiana	Virgin's Bower	white	vine	Aug-Oct	S-mSh	M-w
	Lonicera reticulata 'Kintzley's Ghost'	Grape Honeysuckle	yellow	vine	May	S-ltSh	WM-MD
	Lonicera sempervirens 'Major Wheeler'	Trumpet Honeysuckle	red	vine	May-Aug	S-mSh	WM-M
	Lonicera 'Gold Flame'	Trumpet Honeysuckle	red/orange	vine	May-Aug	S-mSh	M-D

Exposure: S=Sun • ltSh=Light Shade (3-6 hrs shade) • mSh=Medium Shade (7-8 hrs shade) • Sh=Shade (all day shade)

Soil: W=Wet • M=Mesic-average garden soil • D=Dry

Vitis coignetiae	Wild Grape Vine	brilliant red FC	vine	Sept-Oct	S-mSh	WM
Wisteria Blue Moon'	Kentucky Wisteria	blue	vine	June	S-mSh	WM-M

TREES

Acer saccharum	Sugar Maple	red/orange FC	50' X 50'	Oct-Nov	S-mSh	WM-M
Asimina triloba	Pawpaw Tree	brown	20'	April-May	S-Sh	WM-MD
Carya illinoensis	Pecan	edible fruit	70' X 50'	Sept-Nov	S-mSh	W-M
Carya ovata	Shagbark Hickory	good FC	70 X 50'		S-mSh	M
Carya texana	Black Hickory	good FC	30'		mSh	M
Cercis canadensis	Redbud	pink	20-30 X 25-35'	April-May	S-mSh	WM-MD
Diospyros virginiana	Persimmon	cream	40' X 25'	May-June	S-mSh	WM-MD
New! Gymnocladus dioica	Kentucky Coffee Tree	seed pods	60 X 40		S-ltSh	M
Euonymus atropurpureus	Eastern Wahoo	purple bloom, FC	20' X 15'	June	ltSh-mSh	M
Ilex decidua	Deciduous Holly	red berries	10 X 5	Nov-Jan	S-mSh	M-W
New! Liriodendron tulipifera	Tulip Tree	yellow	60 X 30	May-June	ltSh	M
Magnolia x loebneri	Dr. Merrill Magnolia	white/pink	20' X 30'	Mar-April	S-mSh	M
Ostrya virginiana	Ironwood	white	30-50' x 25'		S-mSh	WM-M
Pinus rigida x taeda	Pitch Loblolly Pine		40' X 30'		S-ltSh	M-MD
Populus tremuloides 'NE-Arb'	Prairie Gold Quaking Aspen	golden yellow FC	30' X 15'		S-ltSh	WM-M
Quercus alba	White Oak	red fall color	60-80' X 60-80'		S-ltSh	WM-MD
Quercus x jackiana	White x Swamp Oak	red fall color	70 X 45		S-ltSh	W-M
Quercus macrocarpa	Bur Oak	great shade	60-80' X 60-80'		S-ltSh	WM-MD
Quercus shumardii	Shumard Oak	nice FC	70-100		S-ltSh	WM-MD
Quercus stellata	Post Oak	nice FC	40' X 40'		S-ltSh	M-MD
Quercus velutina	Black Oak	good shade	50' X 60'		S-ltSh	M-MD
Sassafras albidum	Sassafras	nice FC	30' X 25'	Oct-Nov	ltSh-mSh	M-MD
Taxodium distichum	Bald Cypress	orange FC	50' X 30'	Oct-Nov	S-ltSh	WW-M
Tilia americana	American Linden	yellow FC	60-75' X 40'		S-ltSh	WM-M

TEMPERENNIALS

Asclepias curassavica	Bloodflower	orange-red	36	June-Oct	S-ltSh	WM-M
Coleus 'Hottie'	Coleus	lime green lvs w/ magenta	10	May-Oct	ltSh-Sh	WM-M
Coleus Color Clouds™ 'Valentine'	Coleus	red lvs w/ thin yllw margins	20	May-Oct	ltSh-Yllw	WM-M
Colocasia gigantea 'Distant Memory'	Black Elephant Ears	large leaves	6'		S-lt Sh	M-MD
Gaillardia aristata 'Arizona Red Shades'	Blanket Flower	red	10-12	May-Sept	S	M-MD
Othonna capensis	Little Pickles Succulent	yellow	3-4	year round	S	D
Pennisetum 'Cherry Sparkler'	Purple Fountain Grass	grass	24	July-Sept	S-ltSh	WM-M
Salvia elegans 'Golden Delicious'	Pineapple Sage	red	36-48	June-Sept	S	WM-MD
Verbena bonariensis 'Buenos Aires'	Tall Verbena	purple	24-36	June-Sept	S-ltSh	WM-M

ADAPTABLE PERENNIALS

Agastache 'Blue Boa'	Hummingbird Mint	violet blue	24-30	June-Sept	S	M-MD
New! Agastache 'Firebird'	Hummingbird Mint	red/orange	24-36	June-Sept	S	M-D
Agastache 'Raspberry Summer'	Hummingbird Mint	raspberry pink	28-32	June-Sept	S	M-MD
Ajuga 'Black Scallop'	Carpet Bugle	blue	3-5	June-Sept	S-ltSh	M
Alchemilla mollis 'Gold Strike'	Lady's Mantle	yellow	30	June	lt-Sh-Sh	M
Allium caeruleum	Ornamental Onion	blue	12-24	May-June	S-ltSh	M-D
Allium 'Millenium'	Ornamental Onion	purple	12-20	July-Aug	S-ltSh	M-D
Anemone 'Wild Swan'	Snowdrops/Windflower	white	12-18	June-Sept	mSh	M
Anemone x 'Honerine Jobert'	White Windflower	white	36-40	Aug-Sept	mSh	M
New! Antennaria dioica 'Rubra'	Pink Pussytoes	pink	4-6	May-June	S	M-D
Angelica gigas	Purple Parsnip	purple	60	July	ltSh	M
Aquilegia 'Crimson Star'	Red Columbine	red	24	May-June	S-mSh	M
Aquilegia chrysantha	Yellow Columbine	yellow	18-24	April-May	S-ltSh	M-MD
New! Aquilegia 'Leprechaun Gold'	Variegated Leaf Columbine	purple	18	April-May	ltSh	M
Aquilegia 'Cardinal'	Cardinal Columbine	red/white	20-28	April-May	ltSh-mSh	WM-M
Aquilegia 'Blue Jay'	Blue Columbine	blue	20-28	May-June	ltSh-mSh	WM-M
Aralia cordata 'Sun King'	Golden Japanese Spikenard	white shades	30-36	July-Sept	mSh-Sh	WM-M
Aruncus 'Chantilly Lace'	Goat's Beard	cream/white	30	June-July	mSh-Sh	WM-M
Astilbe 'Little Vision in Purple'	Astilbe	purple	12-15	July-Aug	mSh-Sh	WM-M
New! Astilbe 'Peach Blossom'	Astilbe	light pink	20	May-Aug	mSh-Sh	WM-M
New! Brunnera 'Sterling Silver'	Heartleaf Brunnera	blue	10-14	April-May	mSh-Sh	WM-M
Centaurea m. 'Amythest in Snow'	Bachelor Button	purple	12-24	May-June	S	M-D
Centaurea m. 'Blue'	Bachelor Button	blue	12-24	May-June	S	M-D
Ceratostigma plumbaginoides	Plumbago	blue	6-8	July-Sept	S-mSh	WM-M
Convallaria majalis	Lily of the Valley	white	6-8	May-June	ltSh-Sh	WM-M
Convallaria m. var rosea	Pink Lily of the Valley	pink	4-6	May-June	ltSh-Sh	WM-MD
Coreopsis 'Uptick Cream and Red'	Tickseed	white/red	12-14	June-Sept	S	D-M
Coreopsis 'Uptick Gold and Bronze'	Tickseed	yellow/red	12-14	June-Sept	S	M
Coreopsis 'Jethro Tull'	Tickseed	red	15-18	May-Oct	S-ltSh	WM-MD
New! Crocisma 'Prince of Orange'	Montbretia	scarlett	30	July-Aug	S-ltSh	M
New! Delosperma 'Desert Opal'	Hardy Ice Plant	purple	2-4	June-Aug	S	MD-D
New! Delphinium 'Mini Stars'	Dwarf Delphinium	multi-color	20-30	May-Aug	mSh	M
New! Dianthus 'Double Bubble'	Dianthus	intense pink	6-8	May-July	S	M-D
Dicentra spectabilis 'Valentine'	Bleeding Heart	red	20-24	June	ltSh-mSh	M
Dictamnus purpurea	Gas Plant	pink	24-36	May-June	S-ltSh	M
Echinacea 'Adobe Orange'	Coneflower	orange	18-20	June-Aug	S-ltSh	M-MD
Echinacea 'Rainbow Marcella'	Coneflower	pink	16-20	June-Aug	S-ltSh	M-MD
Echinacea 'Aloha'	Coneflower	yellow	24-32	June-Aug	S-ltSh	M-MD

New!	Echinacea 'Big Kahuna'	Coneflower	ylw/orange	20-30	June-Aug	S-ltSh	M-MD
	Echinacea 'Green Twister'	Coneflower	green/purple	24-36	June-Aug	S-ltSh	M-D
	Echinacea 'Raspberry Kismet'	Coneflower	pink	16-18	June-Aug	S-ltSh	M-MD
	Echinacea 'Lakota Fire'	Coneflower	red-pink	12-16	June-Aug	S-ltSh	M-MD
	Echium amoenum	Red Feathers	red	10-16	May-June	S	M-MD
New!	Echinops 'Blue Glow'	Globe Thistle	blue	24-48	July-Aug	S	M-D
	Epimedium x 'Domino'	Barrenwort	pink	6-12	April	mSh-Sh	M-D
	Eplobium fleischeri	Alpine Willowherb	pink	20	May-Aug	S-ltSh	M-D
New!	Eryngium amethystinum	Sea Holly	purple	20	July-Sept	S	D
	Eryngium 'Blue Glitter'	Sea Holly	blue/purple	30-40	July-Sept	S	D
	Fragaria 'White Carolina'	Pine Berry	white	6-8	June-Sept	S	M
	Gallium odoratum	Sweet Woodruff	white	8-12	April-May	mSh-S	WM-M
New!	Gaura 'Gaudi Red'	Wand Flower	deep pink	12-14	June-Aug	S	D-MD
New!	Gentiana 'True Blue'	Bottle Gentian	blue	25	July-Sept	S-ltSh	M-W
	Geum 'Blazing Sunset'	Avens	scarlet	24	June-Aug	S-ltSh	M-W
	Geum 'Totally Tangerine'	Avens	orange	14	May-July	S-ltSh	M-W
New!	Geranium 'Johnson's Blue'	Hardy Geranium	blue	12-20	June-Sept	S-mSh	
	Gypsophila 'Bristol Fairy'	Baby's Breath	white	24-36	April-Aug	S	M-D
New!	Heleborus 'Tropical Sunset'	Helebore	peach	18-24	April-May	mSh-Sh	M-D
New!	Hemerocallis 'Just Plum Happy'	Daylily	plum	20-30	July	S-ltSh	M-D
New!	Heuchera 'Midnight Rose'	Coral Bells	red foliage	10-16	May-Nov	ltSh-mSh	M
	Heuchera 'Amber'	Coral Bells	gold/lime	14-20	May-Oct	S-mSh	M
	Heuchera 'Obsidian'	Coral Bells	black leaf	10-16	May-July	ltSh-mSh	M
New!	Heuchera 'Galaxy'	Coral Bells	purple	12-16	June-July	lSh-mSh	M
	Heuchera 'Electric Lime'	Coral Bells	lime green foliage	12-16	June-Aug	ltSh-mSh	M
	Hibiscus 'Ballet Slippers'	Rose Mallow	pink	48	July-Sept	S-ltSh	W-M
	Knautia macedonica	Pincushion Flower	red	12-15	May-Aug	S	M
	Knifofia 'Red Hot Popsicle'	Red Hot Poker	orange/red	20-27	July-Sept	S	M-D
	Lamiastrum gal. 'Herman's Pride'	Silver Nettle	yellow	6-8	May-June	S-Sh	WM-MD
	Lavandula 'Phenomenal'	Lavender	lavender	24-36	June-Sept	S	M-D
New!	Lavandula 'Lavance Deep Purple'	Lavender	lavender	12-16	June-Aug	S	M-D
	Lavandula 'Hidcote'	Lavender	lavender	18-20	June-Aug	S	M-D
New!	Lavandula 'Grosso'	Lavender	lavender	30	June-Aug	S	M-D
	Lespedeza thunbergii 'Samindare'	Pink Bush Clover	pink	36-48	Aug-Sept	S-ltsh	WM-MD
New!	Lupinus 'Mini Gallery Red'	Dwarf Lupine	magenta	14-16	June	S-ltSh	M
	Lychnis chalconica	Maltese Cross	red	36	June-July	S-ltSh	M
	Monarda 'Blue Moon'	Sugar Buzz™ Bee Balm	lilac	20	June-Aug	S-ltSh	WM-M
	'Grape Gumball'	Sugar Buzz™ Bee Balm	purple	20-24	June-Aug	S-ltSh	WM-M
New!	Monarda didyma 'Fireball'	Bee Balm	red	12-20	July-Aug	ltSh-mSh	WM-M
New!	Nepeta x fassenii 'Purrsian Blue'	Catmint	lt. blue	14-18	May-Sept	S-ltSh	M-MD
	Papaver orient. 'Beauty of Livermere'	Poppy	orange	24-30	June	S	D-M
New!	Paeonia 'Coral Sunset'	Peony	pink/orange	32	June	ltSh	M
	Paeonia 'Bartzella'	Intersectional Peony	yellow	48	June	S-ltSh	M
	Penstemon 'Dark Towers'	Beardtongue	pink	30	May-June	S-ltSh	M-MD
	Penstemon strictus	Mountain Beardtongue	purple	24	May-June	S	M-D
New!	Penstemon 'Cha Cha Lavender'	Beardtongue	purple	25	May-June	S-ltSh	M
	Perovskia atriplicifolia 'Blue Jean Baby'	Russian Sage	lavender/blue	28-34	May-Aug	S	M-MD
	Perovskia a. 'Rocketman'	Russian Sage	lavender/blue	32-48	May-Aug	S	M-MD
	Persicaria 'Painters Palette'	Fleeceflower	red	24	July-Sept	ltSh-mSh	M
New!	Phlox subulata 'Eye Shadow'	Creeping Phlox	purple	6	June	ltSh-mSh	M
	Phlox 'Nicky'	Garden Phlox	magenta	30-36	July-Sept	ltSh-mSh	M
	Polygonatum 'Variegatum'	Variegated Solomon Seal	white	24-36	April-May	Sh	WM-MD
	Pulsatilla vulgaris	European Pasqueflower	violet	6-12	April-May	ltSh-mSh	M
New!	Ruta graveolens 'Blue Mound'	Rue	yellow	32	July-Aug	ltSh	M-D
	Rudbeckia f. 'Viettes's Little Suzy'	Black-eyed Susan	yellow	12-24	July-Sept	S	M-MD
New!	Rudbeckia f. 'American Gold Rush'	Black-eyed Susan	yellow	12-24	July-Sept	S	M-MD
	Rudbeckia 'Little Henry'	Black-eyed Susan	yellow	36-40	July-Sept	S	WM-M
	Salvia greggii	Sage	red	18-24	Aug-Sept	S	M-MD
	Salvia x nemerosa 'Caradonna'	Caradonna Sage	dark purple	18-30	May-June	S	M-MD
New!	Sanguisorba 'Little Angel'	Burnet	ruby red	10	July-Aug	S	M
	Santolina chamaecyparissus	Gray Santolina	yellow	15	June-Aug	S	D
	Sedum seiboldii	Stonecrop	pink	4	Sept-Oct	S	D-M
	Sedum 'Birthday Party'	Stonecrop	bright pink	14-18	June-Sept	S	D-M
New!	Sedum 'Rosetta'	Stonecrop	white	12-16	July-Aug	S	M-D
	Sedum 'Little Miss Sunshine'	Stonecrop	yellow	6-8	July-Aug	S	D-M
	Sedum 'Thunderhead'	Stonecrop	deep rose	24-30	Aug-Oct	S	M-D
New!	Sempervivum 'Peggy'	Hen and Chicks	Red	4-6	May-Oct	S	M-D
New!	Sempervivum 'RocknRoll Rossette'	Hen and Chicks	green w/red	3-4	May-Oct	S	M-D
	Solidago shortii 'Solar Cascade'	Short's Goldenrod	yellow	24-30	Sept-Oct	S-ltSh	M-D
New!	Verbascum 'Plum Smokey'	Mullein	purple	20	June-July	S	M
	Veronica liwanensis	Turkish Speedwell	blue	3	May-June	S-mSh	M-D
	Veronica 'Tidal Pool'	Prostrate Speedwell	blue	3	May-June	ltSh	M
New!	Veronica 'Blue Skywalker'	Spike Speedwell	indigo	18-20	June-Sept	S-ltSh	WM-M

VARIOUS HOSTAS:

Jurassic Park, Blue Angel, Halcyon, Abiqua Drinking Gourd, Earth Angel, June Spirit, Joy Ride, Rhino Hide, Komodo Dragon

Exposure: S=Sun • ltSh=Light Shade (3-6 hrs shade) • mSh=Medium Shade (7-8 hrs shade) • Sh=Shade (all day shade)

Soil: W=Wet • M=Mesic-average garden soil • D=Dry

Plant Communities for Resilient Gardens

By Katie Schmidt, Grounds Manager and Horticulturist

A common landscaping trap many gardeners fall into, myself included, is installing plants solely as individuals or 'specimens'. We isolate them from natural companion plants and wonder why they flop over or underperform. In the wild, plants exist in complex communities with specialized microenvironments. Ground covers benefit from the shade of taller species, and tall species benefit from the support and weed suppression of ground covers. These interactions affect soil temperature, crown health, nutrient uptake, and more. Designed plant communities can be made to fit any style or situation and may include natives as well as adaptable non-natives. Well-balanced plant communities create enduring landscapes that stand the test of time.

Three guidelines for starting a plant community: 1. Plant in layers to form natural support systems; 2. Choose plants according to soil and site conditions; 3. Include non-natives only when they fit the community type.



Xeric Community

Though these plants are native to many countries and continents, they all thrive in dry, harsh conditions with ample sun. Stiff-stemmed santolina from the Mediterranean will provide support and filler around native gayfeather and *Baptisia*. Grasses give the garden texture and movement.

Pictured from top to bottom, left to right:

- *Santolina chamaecypariss* – grey santolina
- *Sporobolus heterolepis* – prairie dropseed
- *Hymenoxys scaposa* – perky Sue
- *Nassella tenuissima* – Mexican feather grass
- *Baptisia bracteata* var *leucophea* – plains false indigo
- *Oenothera macrocarpa* – Missouri evening primrose
- *Callirhoe involucrata* – purple poppy mallow
- *Liatris punctata* – dotted gayfeather
- *Talinum calycinum* (not pictured) - flameflower
- *Allium stellatum* (not pictured) - prairie onion
- *Sedum* 'Birthday Party' (not pictured) - stonecrop

Wetland Community

Perfect for your yard's low-spot where rainwater collects, these species all like full sun and varying degrees of wet soil. Switchgrass helps tall Joe Pye weed resist flopping over and re-seeders like *Coreopsis tinctoria* and *Packera aurea* will fill in areas of bare soil.

Pictured from top to bottom, left to right:

- *Lobelia cardinalis* - cardinal flower
- *Panicum* 'Rostrahlbausch' - red switchgrass
- *Asclepias incarnata* - marsh milkweed
- *Helenium autumnale* - Helen's flower
- *Eupatorium maculatum* - Joe Pye weed
- *Heliopsis helianthoides* - false sunflower
- *Liatris pycnostachya* - tall gayfeather
- *Zizia aptera* - golden Alexanders
- *Chasmanthium latifolium* - river oats
- *Packera aurea* (not pictured) - golden ragwort
- *Coreopsis tinctoria* (not pictured) - plains coreopsis