

Landscaping with Native Plants
Presented by: Natalie George – Shooting Star Nursery

What is a Native Plant?

- A plant that has originated in a particular area or region
- Survived for thousands of years
- Adapted to climate, soils, and geography of the land
- Wildlife dependent upon

Native vs. Non-native

- **Introduced**
Have been brought in either intentionally or unintentionally
- **Naturalized**
Have persisted in natural environments
- **Invasive**
Have escaped cultivation and grown rampant, overtaking natural environments

Why use Native Plants?

- Reduced environmental impact
- Creation of wildlife habitat
- Preservation of our native flora

Reduced Environmental Impact

- Fewer Inputs
 - Adapted to soils
 - Fertilization not required
- Adapted to climate
 - Drought resistant species
 - Less watering requirements
 - Disease/pest resistant species

Creation of Wildlife Habitat

- Food and Shelter
 - Birds, Butterflies, and Mammals
- Double Attraction
 - Beauty of plants, PLUS beauty of wildlife

Preservation of our Native Flora

- Habitat destruction and over-harvesting
 - Causes plants to be endangered and/or threatened
 - Can lead to extinction
- **DO NOT WILD DIG!**
 - Be sure to find nursery propagated plants

Endless Possibilities

- Native plants adapted to a variety of habitats
 - Sun, shade, dry areas, wet areas
- Native plants of all types
 - Trees, shrubs, grasses, flowers, aquatics

Native Plants Presentation Species List

Drought Tolerant

Rattlesnake Master – *Eryngium yuccifolium*
Hoary Mtn. Mint – *Pycnanthemum incanum*
Rosinweed – *Silphium integrifolium*
Bluestar – *Amsonia tabernaemontana*
Sneezeweed – *Helenium autumnale*
Prickly Pear Cactus – *Opuntia humisifolia*
Royal catchfly – *Silene regia*
Wild Bergamot – *Monarda fistulosa*

Wet Areas

Bee Balm – *Monarda didyma*
Ohio spiderwort – *Tradescantia ohioensis*
Cardinal flower – *Lobelia cardinalis*
Obedient plant – *Physotegia virginiana*

Butterfly Plants

Butterfly milkweed – *Asclepias tuberosa*
Common milkweed – *Asclepias syriaca*
Purple milkweed – *Asclepias purpurescens*
Aromatic aster – *Aster aromatica*
Jo-Pye Weed – *Eupatorium maculatum*
Ironweed – *Vernonia altissima*
Purple coneflower – *Echinacea purpurea*
Orange coneflower – *Rudbeckia fulgida*
Pale purple coneflower – *Echinacea pallida*
Yellow Prairie coneflower – *Ratibida pinnata*
Gray Goldenrod – *Solidago nemoralis*
Prairie Blazingstar – *Liatris pycnostachya*
Rough Blazingstar – *Liatris aspera*
Spiked Blazingstar – *Liatris spicata*

Native Ferns

Cinnamon – *Osmunda cinnamomea*
Royal – *Osmunda regalis*
Lady – *Athyrium felix-femina*
Christmas – *Polystichum acrosticoides*
Sensitive fern – *Onoclea sensibilis*

Woodland Species

Bloodroot – *Sanguinaria canadensis*
Goldenseal – *Hydrastis canadensis*
Indian Pink – *Spigelia marilandica*
Black Cohosh – *Cimicifuga racemosa*
Largeflowered Bellwort – *Uvularia grandiflora*
Dutchman's Breeches – *Dicentra cucullaria*
Wild Columbine – *Aquilegia canadensis*
Wild Hyacinth – *Camassia scilloides*
Golden Ragwort – *Senecio aureus*
Phacelia – *Phacelia bipinnatifida*
Wild Geranium – *Geranium maculatum*
Sedum – *Sedum ternatum*
Celandine Poppy – *Stylophorum diphyllum*
Virginia Bluebells – *Mertensia virginiana*

Native Grasses

Little Bluestem – *Schizachyrium scoparium*
Indian grass – *Sorghastrum nutans*
Broomsedge – *Andropogon virginicus*
Switchgrass – *Panicum virgatum*
Sideoats Gramma – *Bouteloua curtipendula*
River Oats – *Uniola latifolia*

Native Legumes

Blue wild indigo – *Baptisia australis*
White wild indigo – *Baptisia lactea*
Cream wild indigo – *Baptisia leucophaea*
Yellow wild indigo – *Baptisia tinctoria*
Partridge Pea – *Cassia fasciculata*
Wild Senna – *Cassia marilandica*
Lupine – *Lupinus perennis*
Bundleflower – *Desmanthus illinoensis*
Purple Prairie Clover – *Dalea purpurea*
White Prairie Clover – *Dalea candida*

Useful Resources

- Barnes, Thomas G., and S. Wilson Francis. *Wildflowers and Ferns of Kentucky*. The University Press of Kentucky, 2004.
- Smyser, Carol A. *Nature's Design: A Practical Guide to Natural Landscaping*. Rodale Press, Inc., 1982.
- Wasowski, Sally, with Andy Wasowski. *Gardening with Native Plants of the South*. Dallas: Taylor Publishing Company, 1994.
- Wharton, Mary E., and Roger W. Barbour. *Trees and Shrubs of Kentucky*. The University Press of Kentucky, 1973.

Wild Ones, <http://www.wildones.com>
USDA Natural Resource Conservation Services, <http://plants-nr.conservancy.gov>
Kentucky Native Plant Society, <http://www.knps.com>
Shooting Star nursery, <http://www.shootingstarnursery.com>

Great Natives for Home Landscaping

List compiled by: Natalie George, Shooting Star nursery

Perennials for Sun, Tolerate Average to Dry Soils

Pale Purple Coneflower – *Echinacea pallida*
Butterfly Milkweed – *Asclepias tuberosa*
Foxglove/Smooth Beardtongue – *Penstemon digitalis*
Purple Coneflower – *Echinacea purpurea*
Wild Bergamot – *Monarda fistulosa*
Aromatic Aster – *Aster oblongifolius*
Goldenrod – *Solidoga* sp.
Flowering Spurge – *Euphorbia corollata*
Tall Phlox – *Phlox maculatum*
Lanceleaf Coreopsis – *Coreopsis lanceolata*
Common Milkweed – *Asclepias syriaca*
Rattlesnake Master – *Eryngium yuccifolium*
Yellow Prairie Coneflower – *Ratibida pinnata*
Blue False Indigo – *Baptisia australis*
Compass Plant – *Silphium laciniatum*
Slender Mountain Mint – *Pycnanthemum tenuifolium*
Blazingstar – *Liatris* sp.
Royal Catchfly – *Silene regia*
Prickly Pear Cactus – *Opuntia humisifusa*

Perennials for Sun, Tolerate average to moist soils

Sundrops – *Oenothera fruticosa*
Bluestar – *Amsonia tabernaemontana*
Sneezeweed – *Helenium autumnale*
Swamp Milkweed – *Asclepias incarnata*
Sweet Coneflower – *Rudbeckia subtomentosa*
Joe-Pye Weed – *Eupatorium fistulosum*
Orange Coneflower – *Ratibida fulgida*

Native Grasses

Sideoats Grama – *Bouteloua curtipendula*
Big Bluestem – *Andropogon gerardii*
Bottlebrush Grass – *Elymus hystrix*
Pennsylvania Sedge – *Carex pensylvanica*
Broomsedge – *Andropogon virginicus*

Native Vines

Passion Flower – *Passiflora incarnata*
Trumpet Creeper – *Campsis radicans*
Crossvine – *Bignonia capreolata*

Native Ferns

Netted Chain Fern – *Woodwardia areolata*
Bracken Fern – *Pteridium latiusculum*
Christmas Fern – *Polystichum acrostichoides*
New York Fern – *Thelypteris noveboracensis*

Native Shrubs

Wild Hydrangea – *Hydrangea arborescens*
Pale Dogwood – *Cornus oblique*
Red Azalea – *Rhododendron cumberlandense*
Piedmont Azalea – *Rhododendron canescens*
Smooth Sumac – *Rhus glabra*

Swamp Rose – *Rosa setigera*
Blueberry – *Vaccinium* sp.
Elderberry – *Sambucus canadensis*
Aromatic Sumac – *Rhus aromatica*
St. John's Wort – *Hypericum prolificum*
Coralberry – *Symphoricarpos orbiculatus*

Small to Mid-size Trees

Flowering Dogwood – *Cornus florida*
Redbud – *Cercis canadensis*
Choke Cherry – *Prunus virginiana*
Serviceberry – *Amelanchier* sp.
Crabapple – *Malus* sp.
Cockspur Hawthorn – *Crataegus phaenopyrum*
Fringetree – *Chionanthus virginicus*
Eastern Red Cedar – *Juniperus virginicus*

Large Trees

Shagbark Hickory – *Carya ovata*
Post Oak – *Quercus stellata*
American Holly – *Ilex opaca*
Buckeye – *Aesculus* sp.
Red Maple – *Acer rubra*
Bald Cypress – *Taxodium distichum*
Eastern Cottonwood – *Populus deltoids*
Tulip Tree – *Liriodendron tulipifera*
Yellowwood Tree – *Cladrastrus lutea*

Perennials for Shade

Foam Flower – *Tiarella cordifolia*
Wild Blue Phlox – *Phlox divaricata*
Dwarf Crested Iris – *Iris cristata*
Firepink – *Silene virginica*
Virginia Bluebells – *Mertensia virginica*
Celandine/Wood Poppy – *Stylophorum diphyllum*
Wild Columbine – *Aquilegia canadensis*
Wild Geranium – *Geranium maculatum*
Bee Balm – *Monarda didyma*
Shooting Star – *Dodecatheon meadia*
Bleeding Hearts – *Dicentra exima*
Dutchman's Breeches – *Dicentra cucullaria*
Wild geranium – *Geranium maculatum*
Indian Pink – *Spigelia marilandica*
Black Cohosh – *Cimicifuga racemosa*
Phacelia – *Phacelia* sp.
Mistflower – *Eupatorium coelestinum*
Cardinal flower – *Lobelia cardinalis*
Great Blue Lobelia – *Lobelia siphilitica*
Obedient Plant – *Physotegia virginiana*