

# Well Behaved Natives for Landscaping

by Lissa Morrison

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[lissam49@yahoo.com](mailto:lissam49@yahoo.com)

BOTANICAL NAME	COMMON NAME	AVG. HT.	REQUIREMENTS	NOTES
<b><u>LARGE TREES</u></b>				
<i>Acer rubrum</i>	Red Maple	55'	sun/part shade dry to moist	Supports many species of bfly. & moths. Good fall color. Supports 285 Leps.
<i>Acer saccharum</i>	Sugar Maple	65'	sun/part shade dry to moist	Host for many butterflies & moths. Good fall color. Supports 285 Leps.
<i>Asimina triloba</i>	Pawpaw	15' -25'	PM shade	Host for zebra swallowtail & sphinx moth. Edible fruit.
<i>Betula nigra</i>	River Birch	30'	sun/part shade moist to wet	Interesting exfoliating bark. Supports 413 Leps.
<i>Celtis occidentalis</i>	Hackberry	40-60'	sun tolerant of soils	Fast growing. Unique pebbled bark Berries loved by birds.
<i>Halesia carolina</i>	Carolina Silverbell	30-40'	sun/part shade	Bell shaped white blooms in April. Yellow leaves in fall.
<i>Ilex opaca</i>	American Holly	30'	sun/part shade dry to moist	Evergreen with berries for 18 species of birds.
<i>Juniperus virginiana</i>	E. Red Cedar	25'	sun/part shade avg. to dry	Dense evergreen. 80 sp.of birds feed on blue berries on female plants.
<i>Liriodendron tulipifera</i>	Tulip Poplar	80'	sun/part shade moist	Host for E. tiger swallowtail. Nice yellow fall color.
<i>Magnolia acuminata</i>	Cucumber Magnolia	50-75'	sun/part shade prefers moist	3" flowers in spring Host for E. tiger swallowtail.
<i>Magnolia grandiflora</i>	Southern Magnolia	50'+	sun - pt. sun	Evergreen native to coastal south. 'Bracken's Brown Beauty' hardier. Z5
<i>Magnolia virginiana</i> 'Jim Wilson'	Sweetbay Magnolia	20-35'	sun - pt. sun moist, acid	Host for tiger swallowtail. Fragrant, fast growing.'Jim Wilson'hardier than species.
<i>Nyssa sylvatica</i>	Black Gum	40'	sun/part shade med.to wet acid soil	Red fall color. Flowers are nectar for bees. Berries feed many birds.
<i>Prunus serotina</i>	Black Cherry	65'	sun/part shade dry to wet	Host for tiger swallowtail. Supports bees, 456 Leps, & 47 species of birds.
<i>Quercus nuttallii</i>	Nuttall Oak	70'	Full sun avg. to wet	Fast growing. Nice fall color. Supports 534 Leps. Tolerant of heavy wet soil.

<i>Quercus rubra</i>	Northern Red Oak	75'	sun dry to moist	Oak trees host more butterflies & moths than any other tree (534)
<i>Quercus shumardii</i>	Shumard's Oak	80'	sun/part shade moist to dry	Host for bflys.& moths. Good fall color. Used by 22 species of birds.
<i>Sassafras albidum</i>	Sassafras	40'	sun dry to moist	Host for spicebush swallowtail bfly. Mow close to tree to stop suckering.
<i>Taxodium distichum</i>	Bald Cypress	50'	wet to dry	Cypress knees only near water. Orange foliage in fall.

### **UNDERSTORY TREES & LARGE SHRUBS**

<i>Aesculus pavia</i>	Red Buckeye	10-15'	sun/part shade	Pavia-red flowers in sp. Glabra-white fl.
<i>glabra</i>	Ohio Buckeye	15-25'	moist - dry	Supports hummers, bees & butterflies.
<i>Amelanchier arborea</i>	Downy Serviceberry	15-20'	sun/part shade dry to moist	'Autumn Brilliance' a good cultivar. Wht.fl.in early spr.Berries for 19sp.of bird
<i>Aronia arbutifolia</i> 'Brilliantissima'	Red Chokeberry	6-10'	sun/part shade wet or dry	White flowers in spr.for bees & bfly. Berries for birds. Great fall color.
<i>Carpinus caroliniana</i>	Hornbeam or Ironwood	15-20'	part shade moist but dry toler.	Good understory tree. Flowers (catkins) in spring. Yellow/orange fall color.
<i>Cercis canadensis</i>	Eastern Redbud	15-20' 8-12'	sun/part shade dry to moist	Supports bees,pollinators & Leps. 'Oklahoma' has shiny leaves.
<i>Chionanthus virginicus</i>	Fringe Tree	10-20'	shade/part sun moist to dry	Early sp. fragrant white flowers. Host 119 species of Lepidoptera
<i>Cornus florida</i>	Flowering Dogwood	15-25'	shade/part sun even moisture	Host for azure bfly. 'Appalachian' cultivars resistant to Anthracnose
<i>Cornus alternifolia</i>	Pagoda Dogwood or Alternate leaf Dog.	12-15'	sun /part shade even moisture	Layered branches. Fragrant spr.flowers attract birds & butterflies.
<i>Crataegus viridis</i> 'Winter King'	Green Hawthorn	15-25'	sun to part sun avg. to dry	White fl. in spring. Orange berries fall. Good for bees,Leps.(159) & birds (36).
<i>Halesia depetera</i>	Two winged Silverbell	20-30'	bright filtered sun	Smaller than Carolina silverbell.
<i>Hamamelis virginiana</i>	Witchazel	10-15'	full to part sun prefers moist	Yellow spider like flowers in Oct./Nov.
<i>Ilex decidua</i>	Possumhaw	10-15' 25' in wild	sun/part shade dry or moist	Supports birds, bees & Lepidoptera Needs male pollinator
<i>Ilex verticillata</i>	Winterberry	10'	sun/part shade med.to wet soil	Winter food for 48 species of birds. Pollinator plant for bees & butterflies.
<i>Ilex vomitoria</i>	Yaupon holly	15-25'	full sun/pt.shade moist - dry	Evergreen in Z7. Best in well drained soil. Spring flowers & winter berries support pollinators, birds & butterflies.

<i>Magnolia tripetala</i>	Umbrella Magnolia	15-25'	sun or shade in rich well drained soil	Flowers in May, June Cone like seed pods in fall
<i>Prunus mexicana</i>	Mexican plum	15-30'	sun avg. soil	Excellent pollinator & host plant. White fl.early sp. Edible plums July-Sept.
<i>Ptelea trifoliata</i>	Wafer Ash Hop tree	10-15'	part sun to shade average soil	Multi stemmed fragrant shrub. Host to giant & tiger swallowtail butterfly.
<i>Rhamnus caroliniana</i>	Carolina buckthorn or Indian cherry	10-20'	part sun to shade dry to moist	No thorns. Red berries turn to black. Berries love birds love them.
<i>Viburnum prunifolium rufidulum</i>	Blackhaw Viburnum Rusty blackhaw	15'-20'	Sun to pt. shade avg. moisture	White spr.flowers. Edible blue black berries & burgundy leaves in fall. Supports many pollinators, birds & Leps.

## **SHRUBS**

<i>Amorpha canescens</i>	Lead plant	3x3'	sun to pt. shade moist to dry	Silvery shrub with purple fl.in early sum. Host to dogface sulfur&gray hairstreak.
<i>Aronia melanocarpa</i> 'Viking'	Blk. Chokeberry	3-6'	sun to pt. shade moist or dry	White fl.in spring for pollinators.Edible black fruit in fall. Colonizing form.
<i>Callicarpa americana</i>	Amer. Beautyberry	5' X 5'	sun to pt. shade wet or dry	Birds(12sp.)feast on purple fall berries. Cut to ground in early spring.
<i>Calycanthus floridus</i> 'Aphrodite'	Carolina Allspice	7' x 7'	sun to pt. shade moist, fertile soil	Rich red fragrant flowers in May, June Native from Virginia to Florida
<i>Ceanothus americanus</i>	New Jersey Tea	3x3'	sun intolerant of wet	Fragrant wht.fl. in early sp. on new stems Attracts bees, birds & butterflies.
<i>Cephalanthus occidentalis</i>	Buttonbush	6-12'	sun to pt. shade prefers moist	Unique wht.flowers followed by red fruit. Favorite of birds,bees,beetles & Leps.
<i>Clethra alnifolia</i>	Sweetshrub	3x3'	part shade to sun prefers moist	Fragrant long blooming bottlebrush fl. mid sum. for bees, birds & butterflies.
<i>Dirca palustris</i>	Leatherwood	6x7'	full shade/pt.shade avg. to moist	Multi branching from single short trunk Yellow leaves in fall.
<i>Fothergilla major</i>	Mt.Witch alder	5-7'	sun to pt. sun	Early sp. bloom for bees & butterflies.
<i>Hydrangea arborescens</i> * <i>quercifolia</i>	Smooth Hydrangea Oakleaf	4-5' Cultivars vary	sun to pt. shade avg. moisture	Excellent pollinator shrub. The hybrid 'Annabelle' does not feed pollinators. *arborescens spreads aggressively.
<i>Hypericum prolificum</i>	St. John's wort	2-4'	sun - pt.shade dry to moist	Used prolifically by bees, pollinators & butterflies.
<i>Ilex glabra</i> 'Gem Box'	Inkberry	3-4'	part shade to sun	Shiny evergreen that prefers moist soil. Has special value to honey bees.
<i>Ilex verticillata</i> 'Little Sprite or Berry Poppins'	Winterberry	10' 3-4'x3-4'	sun/part shade moist to dry	Winter food for 48 species of birds. Needs male pollinator

<i>Itea virginica</i> 'Little Henry or Henry's Garnet'	Sweetspire	3-4'	sun to pt. shade moist to wet	Fragrant white flower in spring. Pollinator magnet with good fall color.
<i>Ilex vomitoria</i> 'Nana'	Dward Yaupon holly	2-4'	sun/part shade avg. soil	Evergreen mounded shrub. Good native foundation plant.
<i>Juniperus virginiana</i> 'Grey Owl'	Grey Owl Juniper	5'x8'	sun to pt. sun medium moisture	Cross btw.native & introduced juniper. Good winter protection for many critters.
<i>Lindera benzoin</i>	Spice bush	8'x8'	shade to pt.shade moist woodlands	Fragrant. Host for spicebush bfly. Berries for 20 sp.of birds. Need male for berries.
<i>Physocarpus</i> <i>opulifolius</i>	Ninebark'SummerWine' 'Diabolo' 'Little Devil'	5-6' 8-10' 3-4'	sun to pt. shade moist-dry	Reddish purple foliage White flowers in summer Species has green foliage.
<i>Styrax americanus</i>	Amer. Snowbell	6-10'multi stem	sun to part shade moist to med.	Fragrant white bell shaped flowers.Host to promethea moth. Attracts pollinators.
<i>Viburnum</i> <i>dentatum</i>	Arrowwood 'Blue Muffin'	4'x3'	pt. shade to sun moist to dry	White spring flowers. Blue berries in late summer support 29 species of birds.
<i>Viburnum</i> <i>nudum</i>	Shonny haw ' Brandywine'	6'x5'	sun to pt. shade moist to dry	White flowers in spring for pollinators. Excellent fall color. For abundant berries plant another cultivar nearby.
<i>Yucca filamentosa</i> 'Excalibur'	Yucca Blue Yucca	2-3' 2'	sun avg. to dry	Yucca moth totally dependent. Needs well drained soil.

## **FERNS & GROUNDCOVER**

<i>Asarum</i> <i>canadense</i>	Wild Ginger	6"	shade avg.to moist	Shiny heart shaped green leaves all season.
<i>Callirhoe</i> <i>involucrata</i>	Purple Poppymallow	3"	sun moist to dry	Wine colored blooms in late spring and summer. Nectar for butterflies.
<i>Glandularia</i> <i>canadensis</i>	Rose verbena	6-12"	sun	Cut back after first blooms to keep going all summer for bees & bflys.
<i>Lonicera</i> <i>sempervirens</i>	Coral honeysuckle	vine	sun	Unique GC.for sun. Trim to 15" yearly.
<i>Matteuccia</i> <i>struthiopteris</i>	Ostrich fern	3'	shade moist woodlands	Native to southern Mossouri
<i>Osmunda</i> <i>cinnamomea</i>	Cinnamon fern	30"	shade medium-wet soil	Interesting cinnamon stick
<i>Packera aurea</i>	Golden groundsel	8"	moist to dry shade	Yel.fl.provides early nectar. Evergreen
<i>Polystichum</i> <i>acrostichoides</i>	Christmas fern	24"	shade moist, wet	Evergreen fern
<i>Rhus aromatica</i> 'Grow Low'	Fragrant sumac	2'x7'w.	sun to pt.shade	Good bank stabalizer. Pollinator friendly.
<i>Sedum ternatum</i>	Whorled stonecrop	4-6"	shade to pt.shade	Spring nectar for bees & butterflies.

## **PERENNIALS**

<i>Amsonia hubrichtii</i> <i>A. illustris</i>	Arkansas Blue star Shining Blue star	3'x3'	full sun	Blue flowers in spring attracts butterflies.
<i>Aquilegia canadensis</i>	Red Columbine	12"	part shade/sun well drained soil	Host to spring azure bfly. Red flower in spring. Gently reseeds.
<i>Asclepias tuberosa</i> <i>purpurascens</i> <i>incarnata</i>	Orange Milkweed Purple Milkweed Swamp Milkweed	18" 18" 18"	full sun dry,well drained	All milkweeds are host for monarch butterfly. Many butterflies & pollinators use flowers for nectar.
<i>Baptisia australis</i> <i>alba</i> <i>sphaerocarpa</i>	Wild Blue Indigo Wild White Baptisia Wild Yellow Baptisia	36" 3-4' 4-5'	full sun avg. well drained	Host to several butterflies & moths. Important to bees.
<i>Berlandiera texana</i>	Tx. Greeneyes	1.5-3'	full sun	Yellow daisy like flowers May thru Oct.
<i>Chelone glabra</i>	White turtlehead	2-3'	sun-pt.sun moist,rich soil	Host to rare Baltimore checkerspot. May spread aggressively in perfect setting.
<i>Coreopsis verticillata</i> 'Zagreb' or 'Rt.66'	Tickseed	18-24"	full sun well drained soil	Yellow flower June to September. Well drained soil a must.
<i>Dalea purpurea</i>	Purple Prairie Clover	18-24"	full sun dry-avg. well drained	Provides nectar to many species of bees, butterflies, pollinator insects.
<i>Eryngium yuccifolium</i>	Rattlesnake master	4'	full sun moist - dry	Tall cream bristly flowers in summer. Supports bees, bflys.& beneficial insects.
<i>Echinacea paradoxa</i>	Yellow Coneflower	2-3'	sun to pt. shade dry, well drained	Downturned yellow rays. Goldfinches love the seed.
<i>Echinacea purpurea</i>	Purple Coneflower	2-3'	sun to pt. shade avg. well drained	Pollinator magnet. Very drought tolerant
<i>Eupatorium</i> 'Little Joe'	Dwf. Joe Pye Weed	3-4'	full sun avg. soil	Late summer large mauve flowers for pollinators & 42 Lepidoptera.
<i>Fillipendula rubra</i>	Meadowsweet	5'x3'	full sun, avg. soil	Tall mauve flowers in spring.
<i>Gillenia stipulata</i>	American Ipecac	1-3'	sun-pt.sun avg.-dry	Upright, bushy perennial w. white flowers early summer for pollinators.
<i>Helianthus angustifolias</i>	Swamp sunflower or narrow leaved sunfl.	3-6' tall	full sun moist soil	Late summer flowers support bees & 73 Leps. Cut back end of sp.to shorten.
<i>Heliopsis helianthoides</i>	False sunflower	3-4'	full sun avg. well drained	Good well behaved substitute for giant sunflowers.
<i>Heuchera americana</i> 'Dale's Strain' 'Marvelous Marble' <i>villosa</i> 'Bronze Wave'	Alum root	20" 12" 20"	a.m.sun/p.m.shade avg. moisture	Attractive tidy perennial. Hummers love flower nectar. Purple foliage.
<i>Hibiscus coccineus</i>	Swamp or scarlet hibiscus	3-6'	full sun	Red 3-5"blooms June-Sept. Good for rain gardens, hummingbirds & bflys.

<i>Liatriis spicata</i>	Gayfeather	2'	full sun	Purple blooms in mid to late summer.
<i>aspera</i>	Rough blazing star	3-4'	moist to dry	For birds, butterflies& bees.
<i>Lobelia cardinalis</i>	Cardinal flower	2-4'	moist shade	Brilliant red flower spikes in summer. Hummer favorite. Supports 4 Leps.
<i>Monarda</i>	Bee Balm	12-24"	full sun	Fragrant soft pink blooms in early sum.
<i>bradburiana</i>			avg. moisture	Attracts birds, bees, & butterflies.
<i>Malvaviscus</i>	Turk's Cap	4x4'	partial sun	Birds, butterflies & hummers
<i>arboreus v. drummondii</i>			avg. soil	love the red flowers.
<i>Penstemon digitalis</i>		24-30"	sun-pt.sun	Burgunday foliage & white flowers in spr. for bees, butterflies & hummingbirds.
<i>'Husker Red'</i>				
<i>Phlox paniculata</i>	Tall garden phlox	2-4'	full sun	'Jeana' one of the best tall ph
<i>divaricata</i>	Woodland phlox	10-20"	shade-pt.shade	Good early nectar for bflys. & hummers
<i>Pycnanthemum</i>	Clustered Mountain	1-3'	sun to part shade	Magnet for bees & butterflies.
<i>muticum</i>	mint		avg. to dry	Spreads but not over aggressively.
<i>Rudbeckia fulgida</i>	Black eyed Susan	2'	full to part sun	Long bloom period 2-3 months.
<i>Rudbeckia</i>	Sweet Black	4-5'	full sun	Support 17 Leps. Cut back late
<i>subtomentosa</i>	eyed Susan		avg. to dry	spring to have tidier, shorter plants.
<i>Scutellaria incana</i>	Downy skullcap	2-3'	sun-pt.sun	Blue flowers mid summer support
			well drained avg.soil	bumblebees, hummers & butterflies.
<i>Senna</i>	Wild Senna	3-4'	sun/pt.shade	Rich green pinnate foliage.
<i>marilandica</i>	or Cassia		avg. moisture	Yellow flower. Host to sulfur butterfly.
<i>Solidago caesia</i>	Blue stemmed	1.5-3'	part.sun-part.sun	Late summer goldenrod blooms supports
	goldenrod			pollinators & 115 Lepidoptera.
<i>Solidago rugosa</i>	Rough leaf	2-3'	full to part sun	Compact clump forming.
<i>'Fireworks'</i>	goldenrod		moist to dry	Late summer golden bloom
<i>Solidago drummondii</i>	Cliff goldenrod	1-2'	full to part sun	Compact clump forming.
<i>Spigelia marilandica</i>	Indian Pink	18"	part shade to sun	Red flowers w.yellow throats in spring.
			avg. moisture	Cut back after 1st bloom to have bl.in fall.
<i>Symphotrichum</i>	Aster		full sun	Masses of blue flowers in fall important
<i>'Raydon's Favorite'</i>		3'x3'	avg. to dry soil	for late nectar. Supports 112 Leps.
<i>'October Skies'</i>		2'x2'		
<i>Vernonia lettermannii</i>		24"	full sun	Covered in purple blooms late
<i>'Iron Butterfly'</i>			poor, drier soil	summer. Good bfly nectar.
<i>Veronicastrum virginicum</i>	Culver's Root	30-36"	sun to shade	Wht.flower spikes for birds, bees, bfly
				Dried flowers interesting in winter.
<i>Zizia aurea</i>	Golden	12-18"	pm.shade-part sun	Gold fl. in early sp. for bees & bflys.
	Alexander		prefers moist	Host to eastern black swallowtail.

## **GRASSES**

<i>Bouteloua curtipendula</i>	Sideoats grama	2-3'	full sun	Very unique. Native to Mo. & Ok.
<i>Carex appalachica</i>	Appalachian sedge	12"	avg.to dry shade	Good dry shade ground cover.
<i>C. flaccosperma</i>	Blue wood sedge	6-10"	bright moist shade	Clumping blue-similar to Liriope
<i>C. pensylvanica</i>	Oak sedge	10-12"	avg.to dry shade	Good dry shade ground cover.
<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	2-3'	full sun well drained soil	Tidy clumps that explode into clumps of pink in fall. Attracts beneficial insects.
<i>Panicum virgatum</i>	Switch grass	40" to 6'	full sun poor dry soil	Many varieties & heights. Choose the height needed. 'Shenandoah' is 4'.
<i>Schizachyrium</i>	Little Bluestem	3'	full sun poor dry soil	Good fall color. Winter food for birds. Winter protection for beneficial insects. 'Standing Ovation' doesn't flop.
<i>Sorghastrum nutens</i>	Indian grass	3-4' with 6' plums	full sun poor dry soil	Bronze yellow plums in fall. A larval host to skipper butterflies.
<i>Sporobolus heterolepis</i>	Prairie dropseed	2-3'	full sun dry rocky soil	Clumping grass for birds & butterflies. Tolerates clay. 'Tara' is a dwf.variety. 2'

## **VINES**

<i>Aristolochia tomentosa</i>	Dutchman's Pipe Vine		afternoon shade humus rich soil	Host for pipevine swallowtail butterfly.
<i>Bignonia capreolata</i>	Cross Vine 'Dragon Lady' hardiest.		sun to pt. shade Prune after flowering.	Butterflies & hummers love the orange & yellow fragrant flowers.
<i>Gelsemium sempervirens</i>	Carolina Jasmine 'Margarita' hardiest		sun to pt. shade	Yellow spring flowers attract swallowtail bflys. & hummingbirds.
<i>Lonicera sempervirens</i>	Coral honeysuckle		sun to pt.shade	Hummer favorite. Blooms all seasons. Supports bumblebees & 36 Leps.
<i>Passiflora incarnata</i>	Passionflower vine		part sun avg.-moist soil	Host plant for gulf & variegated fritillary.
<i>Wisteria frutescens</i> 'Amethyst Falls'	Wisteria		sun/pt.shade	Fragrant blue flowers. Better behaved than introduced wisteria.

## **RESOURCES:**

Audubon Arkansas	<a href="http://www.audubon.org">www.audubon.org</a>
Missouri Wildflowers Nursery	<a href="http://www.mowildflowers.net">www.mowildflowers.net</a>
Prairie Moon Nursery	<a href="http://www.prairiemoon.com">www.prairiemoon.com</a>
Pine Ridge Gardens	<a href="http://www.pineridgegardens.com">www.pineridgegardens.com</a>
North Creek Nurseries	<a href="http://www.northcreeknurseries.com">www.northcreeknurseries.com</a>

Missouri Botanical Garden	<a href="http://www.missouribotanicalgarden.org">www.missouribotanicalgarden.org</a>	
Missouri Prairie Foundation	<a href="http://www.grownative.org">www.grownative.org</a>	
White River Nursery	<a href="http://www.whiterivernursery.com">www.whiterivernursery.com</a>	479-442-2061
Holland Wildflower Farm for Wildflower Seeds	<a href="http://www.hollandwildflowerfarm.com">www.hollandwildflowerfarm.com</a> <a href="mailto:hwildflowerfarm@cox-internet.com">email: hwildflowerfarm@cox-internet.com</a>	
Xerces Society	<a href="http://www.xerces.org">www.xerces.org</a>	
<u>Bringing Nature Home</u>	by Douglas Tallamy	