

# Well Behaved Natives for Landscaping

Lissa Morrison

Disclaimer: The following list represents my experiences & observations over the past 19 years. I share it with the intention of helping others expand their use of native plants & to help re-establish healthy ecosystems. I am not responsible for gardening mistakes or failures. However, I welcome polite discourse & feedback about using natives in landscaped settings.

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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	Maple trees are host plants for approx. 200 bflys. & moths. Grows poorly in compacted soil.
<i>Acer saccharum</i>	Sugar Maple	65'	sun/part shade dry to moist	Host for bflys.& moths (200). Good fall color. Needs well drained soil. Tolerates heavy shade.
<i>Betula nigra</i>	River Birch	30'	sun/part shade moist to wet	Interesting exfoliating bark. Fast growth. Host plant for 221 butterflies & moths.
<i>Carya cordiformis</i>	Bitternut Hickory	65'	sun/part shade	Large trees valuable to wildlife & 220 bflys.&moths Yellow leaves in fall. Shagbark has tasty nuts & is also shelter for local bats.
<i>C.glabra</i>	Pignut Hickory	65'	med. to moist	
<i>C.ovata</i>	Shagbark Hickory	80'		
<i>Celtis laevigata</i>	Sugarberry	70'	sun to pt. shade	Hackberry thrives AR.& northward. Sugarberry thrives AR.& southward. Both have berries loved by birds & yel.fall color. Host to 45 Leps.
<i>C.occidentalis</i>	Hackberry	60'	med. to moist	
<i>Cladrastis kentukea</i>	Yellowwood	40'	sun med.well drained	Panicles of fragrant white fl.in spr.used by bees & bflys. Yel.leaves & interesting seed pods in fall.
<i>Fagus grandifolia</i>	American Beech	50-80	sun to pt.shade rich,moist,well drain.	Smooth,gray bark. Golden bronze foliage hangs on all winter. Intolerant of poorly drained soil.
<i>Gymnocladus dioicus</i>	Kentucky Coffeetree	60-80'	sun medium moisture	Males are well behaved because they lack the large messy seed pods that are on the females.
<i>Halesia carolina</i>	Carolina Silverbell	30-40'	sun/part shade medium moisture	Attractive tree with drooping clusters of bell shaped white blooms in April. Yellow leaves in fall.
<i>Ilex opaca</i>	American Holly	30'	sun/part shade dry to moist	Evergreen. Red winter berries support 18 sp.of birds. Host for 39 butterflies & moths.
<i>Liriodendron tulipifera</i>	Tulip Poplar	80'	sun/part shade moist	Native to Crowley's Ridge in AR. Host for eastern tiger swallowtail. Nice yellow fall color.
<i>Magnolia acuminata</i>	Cucumber Magnolia	40-70'	sun/part shade prefers moist	3"fl.in spr.followed by cucumber like fruit Host for E.tiger swallowtail. Yellow in fall.
<i>Magnolia grandiflora</i> *	Southern Magnolia	50-70'	sun - pt. sun medium moisture	*Lg.evergreen native to deep south naturalized into most of AR. Large fragrant white flowers.
<i>Magnolia virginiana</i>	Sweetbay Magnolia	20-35'	sun - pt. shade moist, acid	Native to southern AR. Host for tiger swallowtail. Fragrant. 'Jim Wilson' hardier than the species.
<i>Nyssa sylvatica</i>	Black Gum	40'	sun/part shade med.to wet acid soil	Red fall color. Nectar for bees. Berries for birds. Host for approx. 32 bflys.& moths.
<i>Ostrya virginiana</i>	E. Hophornbean or Ironwood	25-35'	sun to shade medium moisture	Host to approx.72 bflys.&moths. Hop like flowers in spr. Shaggy bark. Handles rocky clay.

<i>Oxydendrum arboreum*</i>	Sourwood	30-40'	sun - pt. shade avg. to dry	*Native S&E of AR. Excellent medium tree. Spring flowers & good fall color.
<i>Pinus echinata</i>	Shortleaf pine	50-60'	sun dry to med.	Fast growing evergreen with a deep taproot. Host to 156 butterflies & moths.
<i>Prunus serotina</i>	Black Cherry	65'	sun/part shade dry to wet	Showy fragrant wht.flowers followed by small cherries. Supports bees,many birds, bflys (285)
<i>Quercus</i>			sun	
<i>Q. alba</i>	White Oak	65'	dry to medium	Oak trees are host to more butterflies & moths than any other tree in Arkansas (approx. 500)
<i>Q. bicolor</i>	Swamp White Oak	55'	medium to wet	Trees with high #'s of caterpillars draw in the birds.
<i>Q. falcata</i>	Southern Red Oak	50'	dry to medium	All of these oaks make good shade trees.
<i>Q.imbricaria</i>	Shingle Oak	50'	medium moisture	Choose wet tolerant species for lower, wet areas.
<i>Q.macrocarpa</i>	Bur Oak	65'	dry to medium	Fall colors vary.
<i>Q.muehlenbergii</i>	Chinkapin Oak	50'	dry to medium	
<i>Q. phellos</i>	Willow Oak	60'	medium to wet	
<i>Q. rubra</i>	Northern Red Oak	75'	dry to moist	
<i>Q. shumardii</i>	Shumard's Oak	50'	avg. to wet	
<i>Sassafras albidum</i>	Sassafras	40'	sun dry to moist	Host to approximately 29 butterflies & moths. Mow close to trunk to prevent suckering.
<i>Sapindus saponaria</i> var. <i>drummondii</i>	Soapberry	30'	sun to pt.shade med.to dry	Showy cream fl.in late spr.followed by yellow grape like fruits(not edible). Yellow fall color.
<i>Taxodium distichum</i>	Bald Cypress	50'	sun medium to wet	Cypress knees typically only near water. Orange foliage in fall. Supports 13 Leps.
<i>Ulmus americana</i> ' Jefferson'	Elm	50'	full sun	Fast growing vase shaped shade trees. Elm trees support approximately 150 butterflies & moths.
<i>U.americana</i> ' Lewis & Clark'		70'	medium water	Interesting seeds of wafer like sumaras in late spr.
<i>U.americana</i> ' New Harmony'		40'		These cultivars are all highly resistant to the Dutch elm disease.
<i>U.americana</i> ' Princeton'		65'		
<i>U.americana</i> ' Valley Forge'		70'		

## UNDERSTORY TREES & LARGE SHRUBS

<i>Aesculus pavia</i>	Red Buckeye	10-15'	sun/part shade	Pavia-red fl.in spring. Glabra-cream fl.
<i>glabra</i>	Ohio Buckeye	15-25'	moist - dry	Parviflora 8-12"panicles mid summer.
<i>parviflora*</i>	Bottlebrush	10-15'	shade - pt. shade	*Parviflora native to SE coastal area
<i>Amelanchier</i> <i>arborea</i>	Downy Serviceberry	15-20'	sun/part shade dry to moist	Autumn Brilliance' a good cross btw.2 natives. Supports 19 sp.of birds & 74 bflys.&moth
<i>Aronia arbutifolia</i> <i>A. melanocarpa</i>	Red Chokeberry Black Chokeberry	6-10'	sun/part shade wet or dry	White flowers in spr.for bees & bfly. Berries for birds. Great fall color. Mow around base to control suckering.
<i>Asimina triloba</i>	Pawpaw	15-20'	PM shade med.to moist	Host for zebra swallowtail & sphinx moth. Edible fruit.
<i>Carpinus</i> <i>caroliniana</i>	Amer.Hornbeam or Musclewood	20-30'	Sun w. PM shade moist but dry toler.	Host to 65 Leps. Smooth muscular bark. Flowers in spring. Yellow/orange fall color.
<i>Cercis canadensis</i>	Eastern Redbud	15-20'	sun/part shade dry to moist	Supports bees, pollinators & 22 Leps. Oklahoma' is shorter (12-18')with shiny leaves.

<i>Chionanthus virginicus</i>	Fringe Tree	10-20'	shade/part sun moist to dry	Early spr.fragrant white flowers. Host for 11 sp.of butterflies & moths.
<i>Cornus florida</i>	Flowering Dogwood	15-25'	PMshade-filtered sh. even moisture	Host for 85 Leps. Beautiful white flowers in spr. Red berries in late summer loved by birds.
<i>Cornus alternifolia</i>	Pagoda Dogwood or Alternate Leaf Dogwood	12-15'	sun /part shade even moisture	Layered horizontal branches. Fragrant spring flowers attract birds & butterflies (85).
<i>Crataegus viridis</i> <i>C. phaenopyrum</i>	Green Hawthorn Washington Hawthorn	15-25'	sun to part sun avg. to dry	White fl.in spring. Orange berries in fall. Good for bees,Leps.(110)& birds(36). Wash.has thorns.
<i>Frangula (Rhamnus) caroliniana</i>	Carolina Buckthorn or Indian Cherry	10-15'	sun to shade dry to moist	No thorns. Red berries turn black & are loved by birds. Shiny green leaves late into fall.
<i>Hamamelis vernalis</i> <i>H.virginiana</i>	Ozark Witch Hazel Fall Witch Hazel	6-10' 15-20'	full to part sun medium to moist	Fragrant yellow flowers in spring. 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 (39). Needs male pollinator. Drought tolerant.
<i>Ilex vomitoria</i>	Yaupon Holly	15-25'	full sun/pt.shade moist - dry	Evergreen in Z7. Spring flowers&winter berries support pollinators, birds & butterflies(39)
<i>Juniperus virginiana</i> # 'Cupressifolia' 'Taylor'	Hillspire Juniper Taylor Juniper	15-20x6-8' 15-20x3-4'	sun - pt.shade	#Very invasive & can quickly take over native plant communities. Hillspire & Taylor are smaller cultivars that may be useful in urban settings.
<i>Magnolia tripetala</i>	Umbrella Magnolia	15-25'	sun or shade in rich well drained soil	Flowers in May,June. Host for 15 Leps. Cone like seed pods in fall
<i>Prunus mexicana</i>	Mexican Plum	15-30'	sun avg. soil	Excellent pollinator & host plant for 285 Leps. Early spr.wht.flower. Edible plums July-Sept.
<i>Ptelea trifoliata</i>	Wafer Ash Hop tree	10-15'	part sun to shade med.-dry	Multi stemmed fragrant shrub. Host to giant & tiger swallowtail butterfly.
<i>Quercus prinoides</i>	Dwf.Chinkapin Oak	10-15'	sun to pt.shade med.- dry	Possible oak choice for smaller gardens. Prune when younger to achieve attractive shape.
<i>Viburnum prunifolium</i> <i>V.rufidulum</i>	Blackhaw Rusty Blackhaw	12-15' 12-15'	sun to pt.shade med.- dry	White spr.flowers. Edible blue black berries. Burgundy leaves in fall. Supports pollinators birds, & Lepidoptera (77)

## **SHRUBS**

<i>Amorpha canescens</i>	Lead Plant	2-3'	sun dry to medium	Gray green foliage w.interesting purple fl.in sum. Prune to improve shape. Rare in AR. in the wild.
<i>Aronia arbutifolia</i> <i>A.melanocarpa</i> <i>A.melanocarpa</i> 'Low Scape Mound'	Red Chokeberry Blk. Chokeberry	6-10' 3-6' 2x2'	sun to pt. shade dry to moist	White flowers in spring for pollinators. Red or black fruit in fall. Good fall color. Not good for perennial beds due to colonial spread. Mow around base.
<i>Callicarpa americana</i>	Amer.Beautyberry	5x5'	sun to pt.shade wet or dry	Birds feast on beautiful fall purple berries. Cut to in early spring to manage size.
<i>Calycanthus floridus*</i>	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 well drained soil	Fragrant wht.fl. in early sp. on new stems Attracts bees, hummers,& bflys.(27)

<i>Cephalanthus occidentalis</i>	Buttonbush	6-12'	sun to pt. shade med.to wet	Unique fragrant spherical wht.flowers. Favorite of birds,bees,beetles & Leps(25)
<i>Clethra alnifolia</i> *	Sweetshrub	3x3'	part shade to sun prefers moist	Fragrant long blooming bottlebrush fl.mid sum. for bees, birds,& bflys. *Native to coastal S.E.
<i>Corylus americana</i>	Amer. Hazelnut	8-15'	sun to pt. shade dry to med.	Need 3-5 for wind pollination. Edible nuts. Interesting catkins. Suckers moderately.
<i>Diervilla lonicera</i> *	Bush Honeysuckle	3-4'	sun to shade dry to med.	Not the same as the invasive bush honeysuckle. *Native to N.E. US. Good fall color.
<i>Dirca palustris</i>	Leatherwood	6x7'	full shade/pt.shade avg. to moist	Multi branching from single short trunk Slow growing. Yellow leaves in fall.
<i>Euonymus americanus</i>	Strawberry Bush	4-8'	PM shade avg.to moist soil	Exquisite fruits in the fall that look like red flowers or strawberries. Protect from deer.
<i>Fothergilla major</i>	Mt. Witch Alder	5-7'	sun to pt. shade avg. soil	Showy fragrant bottlebrush flowers in the spring. Broad leaves with good fall color.
<i>Hesperaloe parviflora</i> *	Texas Red Yucca	2-3'	sun dry soil	*Native to Tx. Stiff evergreen basal leaves. Red fl.on 5' spike supports hummers & moths.
<i>Hydrangea arborescens</i> #	Smooth Hydrangea	4-5'	sun to pt. shade avg. moisture	Excellent pollinator shrub.Prune hard in Feb. #Spreads aggressively. Avoid flower beds.
<i>Hydrangea quercifolia</i> *	Oakleaf Hydrangea	cultivar hts.vary	shade to pt.sun wet to dry	*Native east & south of AR. Place according to mature size where it will not need pruning.
<i>Hypericum prolificum</i>	St. John's Wort	2-4'	sun - pt.shade dry to moist	Used prolifically by bees, pollinators & bflys.(15). Prune in late February.
<i>Hypericum frondosum</i> *	St. John's Wort	3-4'	sun to pt. shade avg. soil	*Native to Ky.& N.C. 'Sunburst' is a good cultivar.
<i>Ilex glabra</i> *	Inkberry	3-4'	part shade to sun med.to wet	*Native to coastal S. Has special value to bees. Shinny evergreen that works best in PM shade.
<i>Ilex verticillata</i> 'Red Sprite or Berry Poppins'	Winterberry	10' 3-4'x3-4'	sun/part shade moist to dry	Red berries for 48 sp.of birds in winter. Needs male pollinator
<i>Itea virginica</i> 'Little Henry or Henry's Garnet'	Sweetspire	3-4'	sun to pt. shade avg. to moist	Fragrant white flower in spring. Pollinator magnet with good fall color.
<i>Ilex vomitoria</i> 'Nana'	Dwarf Yaupon Holly	2-4'	sun/part shade avg. soil	Evergreen mounded shrub. Good native foundation plant.
<i>Lindera benzoin</i>	Spicebush	8'x8'	shade to pt.sun avg.to moist soil	Host for spicebush swallowtail & 10 other Leps. Edible berries (on fem.) is food for migrating birds.
<i>Philadelphus pubescens</i>	Hoary Mockorange	8-10'	sun to lt.shade avg.to moist	White flowers(mildly fragrant) in early spring. Very fragrant mockorange are not native.
<i>Phyllanthopsis phyllanthoides</i>	Missouri Maidenbush	2-3'	sun to lt.shade avg. to dry	Small rounded soft green shrub for foundations. Pollinated by bees.
<i>Physocarpus opulifolius</i>	Ninebark'SummerWine' 'Diabolo' * 'Little Devil' *	5-6' 8-10' 3-4'	sun to pt. shade moist-dry	White to pink fl.in summer loved by pollinators. *Cultivars w. colored leaves are hybrids & will not be used as host plants. The native species is green.

<i>Ribes aureum</i>	Golden Current	3-7'	sun to pt.shade med. moisture	Multi stemmed. Yellow fragrant flowers in early spring. Small edible fruit in summer.
<i>Rhododendron prinophyllum</i>	Roseshell Azalea	4-7'	filtered sun well drained soil	Fragrant soft pink wild azalea found in NW.Ar.hills. Blooms early May. Host plant for 42 Leps.
<i>Salix humilis</i>	Prairie Willow	3-5x3-6'	sun to lt.shade dry to avg.soil	Valuable plant for 14 bees & 215 Leps. Multi stemmed. Slow spreading. Drought tolerant.
<i>Styrax americanus</i>	Amer. Snowbell	10-15'	sun to part shade multi stem moist to med.	Fragrant white bell shaped flowers.Host to promethea moth. Attracts pollinators.
<i>Vaccinium arboreum</i>	Sparkleberry	12-15'	med.to wet, pt.shade	All BB. prefer acid well drained soil. All will have more flowers (and berries) with more sun. All are attractive with flowers, berries, & red fall color for landscaping. Many benefits for all pollinators.
<i>V. corymbosum</i>	Highbush BB	6-10'	med.to wet, sun	
<i>V. pallidum</i>	Huckleberry	2-3'	dry-moist,sun-shade	
<i>V. stamineum</i>	Deerberry	6-12'	dry-moist, pt.shade	
<i>Viburnum dentatum</i>	Arrowwood	6'ht. 4-5'ht.	pt. shade to sun moist to dry	Wht.sp.flowers. Berries in late summer support 29 species of birds. Host plant for 77 Lepidoptera.
<i>Viburnum nudum</i>	Smooth Witherod	6'x5'	sun to pt. shade med. to wet	White flowers in spr. Shiny green leaves. For lots of edible berries in sum.plant another cultivar
<i>Yucca arkansana</i>	Arkansas Yucca	2'	sun to pt. sun avg.to dry	Evergreen w. tall cream fl.stalk in summer. Yucca moth & yucca plant are mutually dependent.
<i>Yucca filamentosa*</i>	Adam's Needle	4'	sun to pt. sun avg. to dry	*Native to coastal south. Needs well drained soil. Excalibur' is a blue cultivar.

## **PERENNIALS**

<i>Agastache nepetoides</i>	Yellow Giant Hyssop	4-6'	sun to pt.sun	*Foeniculum native to Great Plains. Both have sum.
<i>A. foeniculum*</i>	Anise Hyssop	2-4'	well drained,medium	flowers that are bee, hummingbird & bfly.magnets.
<i>Amsonia ciliata</i>	Fringed Bluestar	3x3'	full sun	Cut back after flowering for busier growth. Blue flowers in spr.attract butterflies. Brilliant golden yellow in fall. AR bluestar is rare in the wild.
<i>A.hubrichtii</i>	Arkansas Bluestar	2-3'	avg. soil	
<i>A.illustris</i>	Shining Bluestar	2-3'		
<i>A.tabernamontana</i>	Eastern Bluestar	2-3'		Eastern Bluestar will take the most shade.
<i>Aquilegia canadensis</i>	Red Columbine	12-14"	part shade/sun well drained soil	Host to 6 Leps. Red flower in early spring. Gently reseeds, but controllable.
<i>Aralia racemosa</i>	Amer. Spikenard	3-5'	part shade med.moisture	A shrub like herbaceous perennial w.large leaves. Wht.spring flowers followed by berries for birds.
<i>Asclepias tuberosa</i>	Orange Milkweed	18-24"	full sun	All milkweeds are the host plant for monarch butterfly. Many other butterflies & moths use the flowers for nectar. Purple milkweed grows best in PM or part shade.
<i>A.purpurascens</i>	Purple Milkweed	2-4'	dry,well drained	
<i>A.incarnata</i>	Swamp Milkweed	3-4'	avg.to moist	
<i>A. veridis</i>	Spider Milkweed	12-26"	dry to medium	
<i>Baptisia australis</i>	Wild Blue Indigo	36"	full sun	Long lived perennial. Host to 19 bfly. & moths.
<i>B.alba</i>	Wild White Baptisia	3-4'	avg. well drained	Important to bees & other pollinators. Interesting seed pods after flowers.
<i>B.bracteata</i>	Wild Cream Indigo	2-2.5'		
<i>B.sphaerocarpa</i>	Wild Yellow Baptisia	2-3'		
<i>Berlandiera betonicifolia (texana)</i>	Texas Greeneyes	1.5-3'	full sun dry-med.	Yellow daisy like flowers May thru Oct. Prune late spr.for bushier plant.
<i>Blephilia ciliata</i>	Downy Woodmint	12"	sun to part shade medium to dry	Pagoda like lavender flowers early summer. Clump form that spreads slowly. Loved by pollinators.
<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 lanceolata</i>	Lanceleaf Coreopsis	16-24"	full sun	Yellow fl.early summer. Deadhead spent flowers for re-blooming & to prevent self-seeding. Well drained soil a must.
<i>C.verticillata</i>	Tickseed Coreopsis	12-18"	dry - avg.	
<i>Cunila origanoides</i>	Dittany	10-15"	sun to part shade dry to avg. soil	A small tidy pollinator plant w. lavender flowers late summer into fall. Tolerates dry, shallow soil.
<i>Dalea purpurea</i>	Purple Prairie Clover	18-24"	full sun	Provides mid summer nectar to many bees, butterflies & pollinator insects.
<i>D. candida</i>	White Prairie Clover		dry-avg.well drained	
<i>Eryngium yuccifolium</i>	Rattlesnake Master	4'	full sun moist - dry	Tall cream flower above yucca like basal leaves. Supports bees, bflys.& beneficial insects.
<i>Echinacea pallida</i>	Pale Purple Coneflo.	2-3'	sun-lt. shade	Coneflower seed heads are loved by birds. All are pollinator magnets. All handle dry to avg. soil.
<i>E.paradoxa</i>	Yellow Coneflower	2-3'	full sun	
<i>E.purpurea</i>	Purple Coneflower	2.5-3.5'	sun-med.shade	
<i>E. simulata</i>	Glade Coneflower	2-3'	full sun	
<i>Eutrochium fistulosum</i>	Hollow Joe Pye	4-7'	sun to PM shade med.to wet	<i>*E.maculatum</i> native in MO. Large plants w.large mauve fl.in late sum. Loved by pollinators & blflys. Good rain garden plants. Flowers best in sun.
<i>E. maculatum*</i>	Spotted Joe Pye			
<i>E. purpureum</i>	Sweet Joe Pye			
<i>Gentiana alba</i>	Cream Gentian	18-24"	sun to pt. shade avg. to moist avg. to moist	<i>*andrewsii</i> is native to Missouri. Alba native to AR. Unusual flowers pollinated by bumblebees. Pollinated by bumblebees.
<i>G.andrewsii*</i>	Closed Gentian			
<i>Geranium maculatum</i>	Wild Geranium	1-2'	sun w.PM shade med.moisture	Clump forming. Pink flowers in spring. Seed heads look like a crane's bill.
<i>Gillenia stipulata</i>	American Ipecac	1-3'	sun-pt.sun avg.-dry	Upright bushy perennial with white flowers early summer for pollinators. Best in humus rich soil.
<i>Helenium flexuosum</i>	Purple Headed Sneezeweed	1-3'	sun med.to wet	Late sum.yellow fl. with purple brown center disk. Cut back in May to encourage branching & more fl.
<i>Helianthus</i>			full sun	Very late summer flowers very valuable to bees & 67 Leps. Cut in half late spring to control height.
<i>H.angustifolius</i>	Swamp Sunflower	5-7'	moist soil	Woodland sunfl.blooms mid sum.in pt. shade.
<i>H.divaricatus</i>	Woodland Sunflower	2-5'	avg.to dry	Blooms about 2 mo. from mid sum.to early fall.
<i>H.hirsutus</i>	Bristly Sunflower	2.5-5'	med.to dry	Western has tall naked stems below the flowers.
<i>H.occidentalis</i>	Western Sunflower	2-4'	avg.to dry	
<i>Heliopsis helianthoides</i>	False Sunflower	3-4'	full sun avg. well drained	Good well behaved substitute for giant sunflowers.
<i>Heuchera americana</i>	Alum Root	12-24"	AM sun/PM shade	Attractive tidy perennial for shadier gardens. Hummers love flower nectar.
<i>H.villosa</i>		12"	avg. moisture	
<i>Hibiscus laevis</i>	Smooth Rosemallow	4-6'	full sun	Large white to light pink flowers in late summer. Best used in moist flower beds or near wet areas.
<i>H.moscheutos</i>	Swamp Mallow	4-7'	med. to wet	
<i>Liatris aspera</i>	Rough Blazingstar	2-3'	full sun	Purple blooms in mid to late summer.
<i>L.punctata</i>	Dotted Blazingstar	1-3'	dry	<i>Punctata</i> has long tap root, so very drought toler.
<i>L.squarrosa</i>	Scaly Blazingstar	1-2'	moist to dry	For hummers, butterflies & bees.
<i>L.spicata*</i>	Gayfeather	2'	dry	<i>*Spicata</i> native east of Mississippi River
<i>Lobelia cardinalis</i>	Cardinal Flower	2-4'	pt.shade to shade moist to avg.	Brilliant red (or blue) flower spikes in summer. Hummer & bee favorite. Host to 4 Lepidoptera.
<i>L.siphilitica</i>	Blue Lobelia			
<i>Monarda bradburiana</i>	Short Beebalm	1-2'	sun to pt. shade	Bradburiana not as aggressive as most.
<i>M.fistulosa</i>	Wild Bergamot	2-4'	dry to med.	All bee balm attract hummers, bees,bflys.(9)

<i>M.punctata</i>	Dotted Beebalm	1.5-2'		<i>M.fistulosa</i> can be aggressive.
<i>Malva viscus</i>	Turk's Cap	4x4'	partial sun	Red flowers loved by hummers & butterflies (27).
<i>arbores v. drummondii</i>			avg. soil	Plant in protected spot in northern AR.
<i>Penstemon cobaea</i>	Purple Beartongue	1-2'	sun-pt.sun	<i>P.cobaea</i> good in full sun & dry, shallow, rocky soil
<i>P.digitalis</i>	Beardtongue	2-3'	avg.to dry	Flowers in summer for bees,bfly.& hummingbirds.
<i>P.murrayanus</i>	Scarlet Penstemon	4-6'	well drained	Scarlet is tall & striking with red orange tubular fl.
<i>P.pallidus</i>	Pale Beardtongue	1-2'		Pale Beardtongue has white fl.& prefers part shade.
<i>P.tunuis</i>	Gulf Coast Penst.	18"	moist	Gulf Coast prefers light shade and consistent moist.
<i>Phemeranthus calycinus</i>	Fame Flower or Rock Pink	6-9"	sun dry - avg.well drain.	Succulent type leaves. Handles shallow rocky soil. Showy quarter sized rose-pink fl.several wks.in sum
<i>Phlox divaricata</i>	Woodland Phlox	10-12"	shade - pt. shade	<i>P.divaricata</i> is early nectar for bees & butterflies.
<i>P.paniculata</i>	Tall Garden Phlox	2-4'	sun - pt. shade	<i>P.paniculata</i> has lavender flower with long bloom.
<i>P.pilosa</i>	Downy or Prairie	12-18"	sun	<i>P.pilosa</i> prefers a rock garden environment.
<i>Pityopsis graminifolia</i>	Grass Leaved Aster	18-24"	sun dry poor soil	Silvery evergreen grasslike leaves. Yellow daisy like flowers on 2.5' spikes in late sum. into fall.
<i>Polygonatum biflorum</i>	Solomon's Seal	1-3'	shade to pt.shade med.to wet	Upright,arching foliage. Small white bell shaped flowers. Yel.fall color. Striking shade garden plant
<i>Pycnanthemum</i>				Magnet for bees & butterflies. Spreads but not over aggressively, unless in rich soil.
<i>P.muticum</i>	Clustered Mt. Mint	1-3'	sun	Clustered can have a powdered, silvery look.
<i>P.tenuifolium</i>	Slender Mt. Mint	2-3'	avg. to dry	
<i>Rudbeckia fulgida</i>	Orange Coneflower	2'	full to part sun dry to med.	Long bloom period 2-3 months. Host to 15 butterflies & moths.
<i>Rudbeckia subtomentosa</i>	Sweet Black eyed Susan	4-5'	full sun avg. to dry	Host to 15 Leps. Cut back in late spring to have tidier, shorter plants.
<i>Salvia azurea</i>	Blue Sage	3-5'	full sun avg.to dry	Blue fl.late sum.for bees,bfly.& hummers Cut in half late spr.for bushier shorter plant.
<i>Scutellaria incana</i>	Downy Skullcap	2-3'	sun - pt.shade well drained avg.soil	Blue flowers mid summer support bumblebees, hummers & butterflies.
<i>Senna marilandica</i>	Wild Senna or Cassia	3-4'	sun/pt.shade avg. moisture	Rich green pinnate foliage. Yellow flower. Host to sulfur butterfly.
<i>Silene virginica</i>	Fire Pink	12-18"	sun - pt. shade dry - medium	Showy red flower in late spring. Handles dry shallow rocky soil.
<i>Sisyrinchium angustifolium</i>	Blue-eyed Grass	12-16"	sun - lt.shade med.well drained	In the iris family with grass like leaves - not a grass. Violet blue flowers will colonize as a groundcover.
<i>Solidago caesia</i>	Blue Stemmed	1.5-3'	sun - light shade	Goldenrod is top perennial for supporting bees & pollinators & 85 Leps. <i>Caesia</i> tolerates the most shade. Cliff is tidy & shrub like. Sweet has edible anise scented leaves. Rough leaf has upright arching stems. All 4 are clump forming.
<i>S.drummondii</i>	Cliff Goldenrod	1-2'	dry to moist	
<i>S.odora</i>	Sweet Goldenrod	2-4'	med. to dry	
<i>S.rugosa</i>	Rough Leaf	2-3'	med. to dry	
<i>Spigelia marilandica</i>	Indian Pink	18"	part shade to sun avg. moisture	Red flowers w.yellow throats in spring. Cut back after 1st bloom to have bl.in fall.

### *Symphyotrichum*

<i>S. novae-angliae</i>	New England Aster	3-6'	fun w.med.moisture	Cut in half late spring to control height.
<i>S. oblongifolium</i>	Aromatic Aster		full sun	Masses of blue flowers in late fall very important for late nectar for all pollinators. Host for 8 Leps.
'Raydon's Favorite'		3'x3'	avg. to dry soil	
'October Skies'		1-2'		
<i>Stylophorum diphyllum</i>	Celandine Poppy	16-24"	shade avg. to moist	May spread in moist well drained soil. Disappears in summer. Rare in the wild.
<i>Tephrosia virginiana</i>	Goat's Rue	12-18"	sun to lt.shade dry to medium	Gray green foliage with interesting bi-color yellow pink fl. in early sum. followed by interesting seeds.
<i>Uvularia grandiflora</i>	Large Flowered Bellwort	18-24"	shade to pt.shade medium moisture	Showy, pendulous, bell shaped yellow flowers in spring. Shade plant that tolerates drought.
<i>Veronicastrum virginicum</i>	Culver's Root	30-36"	sun to shade medium - wet	Spikes of dense white fl.for bees, birds & bflys. Dried flowers interesting in winter.
<i>Zizia aurea</i>	Golden Alexander	12-18"	pm.shade-part sun prefers moist	Gold fl. in early sp. for bees & bflys. Host to eastern black swallowtail.

### **FERNS**

<i>Adiantum pedatum</i>	N.Maidenhair or 5 Fingered Maid.	12-24"	pt.to full shade med.moisture	Unique & lovely foliage for the shade garden.
<i>Athyrium felix-femina</i>	Southern Lady Fern	1-2.5'	pt.to full shade med.moisture	Upright tall fern, often with dark stems.
<i>Dryopteris marginalis</i>	Marginal Wood Fern	1.5-2'	pt.to full shade med.moisture	Prefers rich, moist humusy acid soil but will grow in average soil.
<i>Myriopteris lanosa</i>	Hairy Lip Fern	6-12"	sun to light shade	Dense gray green foliage. Good for rock gardens.
<i>M. tomentosa</i>	Woolly Lip Fern	8-15"	dry, gritty	Turns brown if too dry, but revives with moisture.
<i>Onoclea sensibilis</i>	Sensitive Fern	3'	shade to pt.shade med.to wet soil	#Spreads aggressively in moist soil. Sensitive to frost.
<i>Osmunda regalis</i> var. <i>spectabilis</i>	Royal Fern	2-4'	partial sun moist	Large majestic fern with large fiddleheads in spring.
<i>Osmundastrum cinnamomea</i>	Cinnamon Fern	2.5'	shade med.to moist soil	Interesting seed head that resembles a cinnamon stick.
<i>Polystichum acrostichoides</i>	Christmas Fern	2'	shade avg. soil	Evergreen fern that stays attractive even during a drought.

### **GRASSES**

Most grasses prefer dryer well drained soil. Carex is an exception. Check moisture requirements for each.

<i>Bouteloua curtipendula</i>	Sideoats Grama	30"	dry, full sun	Clump forming with interesting seed heads.
<i>B.gracilis</i>	Blue Grama	1-2.5'	dry, full sun	All species require well drained soil.
<i>B.hirsuta</i>	Hairy Grama	10-15"	dry, sun to pt.sun	<i>hirsuta</i> is smaller & naturally found in dry prairies.
<i>Carex albicans</i>	Oak Sedge	12-18"	dry light shade	Short sedge that works in dry shade.
<i>C.cherokeensis</i>	Cherokee Sedge	6-12"	moist sun to shade	Slow spreading clumps w.narrow grass like blades.
<i>C.cehpalophora</i> var. <i>leavenworthii</i>	Leavenworth's Sedge	12-16"	dry sun to shade	Fine textured narrow blades.
<i>C.flaccosperma</i>	Blue Wood Sedge	6-10"	bright moist shade	Clumping blue sedge - similar to Liriope
<i>C.grayi</i>	Gray's Sedge	2-3'	moist sun to part sh.	For moist areas. Interesting seed heads.

<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'. Switch grass is host to 26 Leps.
<i>Schizachyrium scoparium</i>	Little Bluestem	3'	full sun poor dry soil	Host to 19 Lepidoptera. Winter protection for beneficial insects.
<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'

## **GROUND COVER**

<i>Aronia melanocarpa</i> 'Ground Hog' 'Low Scape Mound'	Chokeberry	8-14" 2'x2'	sun to pt.shade wet to dry	'Ground Hog' is a new <i>Aronia</i> cultivar that is low spreading, which works well as a ground cover. Both cultivars spread by suckering to form good GC
<i>Asarum canadense</i>	Wild Ginger	6-8"	shade medium to wet	Shiny heart shaped green leaves all season.
<i>Callirhoe involucrata</i>	Purple Poppymallow	3"	sun moist to dry	Wine colored blooms in late spring. Cut back after blooms for tidy new foliage.
<i>Carex albicans</i> <i>C.amphibola</i> <i>C.cephalophora</i> var. <i>leavenworthii</i> <i>C.eburnea</i>	Oak Sedge Creek Sedge Leavenworth's Sedge Ivory Sedge	12-18" 9-18" 12" 6-12"	shade - lt.shade shade - pt.shade shade - part sun shade - pt.shade	Short attractive sedge for drier shade spots. Good G.C. choice for medium to moist soil. Fine textured narrow blades for dry sun to shade. Lawn alternative in dry to medium soil.
<i>Conoclinium coelestinum</i>	Mist Flower	1-2'	sun - pt.sun med.to moist	Lavender blue fl. In late summer to fall. Rapidly creeps to form a good ground cover.
<i>Fragraria virginiana</i>	Wild Strawberry	4-10"	sun - pt.sun med.- dry	Early white blooms for pollinators. Spreads easily to form G.C. Host to 53 bfllys. & moths.
<i>Geranium maculatum</i>	Wild Geranium	1-2'	sun - pt. shade average moisture	Lavender flowers in spr. Spreads slowly. Prefers shade, but sun ok if kept moist in richer soil.
<i>Glandularia canadensis</i>	Rose Verbena	6-12"	sun dry to medium	Excellent aggressive G.C. for bees & butterflies. Cut back after first bloom to encourage repeat.
<i>Lonicera sempervirens</i>	Coral Honeysuckle	vine	sun average moisture	Used most often as a vine, but also is a unique ground cover if pruned to 15" yearly (early spr.)
<i>Packera aurea</i> <i>obovata</i>	Golden Ragwort Roundleaf Ragwort	8-12" 8-12"	sun - pt. shade med. - wet	Both species have yel.fl.on tall 2'stems & provide early nectar. Both spread by stolon & seed.
<i>Rhus aromatica</i> 'Grow Low'	Fragrant Sumac	2'x7'w.	sun - pt.shade dry to medium	Host to 46 Leps. Loved by pollinators. Good soil stabilizer. Prune in Feb. if necessary.
<i>Sedum pulchellum</i> <i>S. ternatum</i>	Widow's Cross Woodland Stonecrop	4-6"	Sun,dry-med. Shade, avg.moist.	White flowers provide spr.nectar for bees & bfllys. Widow's Cross - reseeding annual, dies in summer <i>S.ternatum</i> - perennial evergreen for moist shade.
<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3'	full sun dry,rocky	Clumping grass that works as a good G.C. Tolerates clay.'Tara'is a dwf.variety (2')

**VINES** All vines can be aggressive, some more than others. Choose wisely.

<i>Aristolochia tomentosa</i>	Dutchman's Pipe Vine	afternoon shade humus rich soil	Host for pipevine swallowtail butterfly. Cut to ground in Feb. if control is needed.
<i>Bignonia capreolata</i>	Cross Vine	sun to pt. shade average moisture	Bflies.& hummers love the orange & yel. fragrant flowers. Prune after flowering if needed.
<i>Gelsemium sempervirens</i>	Carolina Jasmine	sun to pt. shade medium moisture	Yellow spring flowers attract butterflies & hummingbirds.
<i>Lonicera flava</i>	Yellow Honeysuckle	sun to pt.shade	Hummer favorite. Blooms all seasons.
<i>L.sempervirens</i>	Coral Honeysuckle	medium moisture	Supports bumblebees & 23 Leps.
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	sun to shade medium to dry	Vigorous as a climber or a ground cover. Burgundy fall color if grown in the sun.
<i>Passiflora incarnata</i>	Passionflower	part sun avg.-moist soil	Host plant for 5 bflies. & moths. Can become invasive - spreads vigorously.
<i>Wisteria frutescens</i>	Wisteria	sun/pt.shade avg.soil	Fragrant blue flowers support 17 Lepidoptera. Better behaved than introduced wisteria.

**A Word about Cultivars:** Whenever possible it is best to use the original species of a native plant. By definition a cultivar has been cultivated by man. If our goal is to rebuild & support healthy habitats, using the straight species is the most reliable choice. Research on cultivars is in the early stages & is ongoing. Often if the chemistry of a plant changes too much (as in leaf color change) the cultivated plant will offer little or no ecological services - such as being available as a host plant or providing pollen or nectar for pollinators. Mimicking nature as closely as possible is our best hope of rebuilding thriving ecosystems.

\* Resources and sources for purchasing native plants & seeds on following page 11.

## **RESOURCES:**

The following names with \* are possible sources for purchasing native plants & seeds:

Audubon Arkansas	<a href="http://www.audubon.org/native-plants">www.audubon.org/native-plants</a>
*Ernst Conservation Seeds	<a href="http://www.ernstseed.com">www.ernstseed.com</a>
*Hamilton Native Outpost	<a href="http://www.hamiltonnativeoutpost.com">www.hamiltonnativeoutpost.com</a>
*Missouri Wildflowers Nursery	<a href="http://www.mowildflowers.net">www.mowildflowers.net</a>
Native plant database	<a href="http://www.grownative.org">www.grownative.org</a> >NativePlantDatabase>Alternative
*N.W. AR. Master Naturalists	<a href="#">N.W. Ar.</a> (Follow on FB - 3 Plants Sales / year)
*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 Dept.of Conservation	<a href="http://www.mdc.mo.gov">www.mdc.mo.gov</a> >trees-plants>tree-seedlings>order.seedlings
Missouri Prairie Foundation	<a href="http://www.grownative.org">www.grownative.org</a>
National Wildlife Federation	<a href="http://www.nwf.org/NativePlantFinder/">www.nwf.org/NativePlantFinder/</a> (by zip code)
*Ozark Soul	<a href="http://www.ozarksoul.com">www.ozarksoul.com</a>
*Ozark Native Plants	<a href="http://www.ozarknativeplants.com">www.ozarknativeplants.com</a>
*Roundstone Native Seed (Ky.)	<a href="http://www.roundstoneseed.com">www.roundstoneseed.com</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> email: <a href="mailto:hwildflowerfarm@cox-internet.com">hwildflowerfarm@cox-internet.com</a>
*Wild Streak Native Plants	<a href="https://facebook.com/wildstreakplants">facebook.com/wildstreakplants</a> email: wildstreakplants@hotmail.com
Xerces Society	<a href="http://www.xerces.org">www.xerces.org</a>
<u>Bringing Nature Home</u>	by Douglas Tallamy