

# Landscaping with Native Plants East Tennessee

Unaka Mountains, Ridge and Valley, Cumberland Plateau and Mountains

## Native Plant Recommendations

KEY	LIGHT	SOIL MOISTURE	SOIL pH
	F = full sunlight P = partial shade S = shade	H = hydric; wet, plants periodically or often inundated by water M = mesic; moist, adequate soil moisture retention year-round S = sub-xeric; moist to dry, seasonally moist, periodically dry X = xeric; dry & drought resistant, little moisture retention, excessively drained	B = basic; prefers limestone A = acidic; prefers acidic soils * = restricted to either B or A

COMMON NAME	SCIENTIFIC NAME	LIGHT	MOISTURE	SOIL pH
<b>SHRUBS</b>				
alder	<i>Alnus serrulata</i>	F, P	H, M	B, A
serviceberry	<i>Amelanchier laevis</i>	F, P	M, S	A
indigobush	<i>Amorpha fruticosa</i>	F, P	M, S, X	B, A
red chokeberry	<i>Aronia arbutifolia</i>	F, P	H, M., S	A
black chokeberry	<i>Aronia melanocarpa</i>	F, P	H, M, S, X	A
sweetshrub	<i>Calycanthus floridus</i>	P	H, S	A
American beautyberry	<i>Callicarpa americana</i>	F, P	H, M, S, X	B, A
New Jersey tea	<i>Ceanothus americanus</i>	P, S	M, S, X	A*
buttonbush	<i>Cephalanthus occidentalis</i>	F, P	H	B, A
Cumberland rosemary	<i>Conradina verticillata</i>	P	M, S	A
hazelnut	<i>Corylus americana</i>	F, P, S	M, S	B, A
leatherwood	<i>Dirca palustris</i>	F, P, S	M	B, A
hearts-a-bustin	<i>Euonymus americana</i>	P, S	M	B, A
swamp mallow	<i>Hibiscus moscheutos</i>	F, P	H	B, A
wild hydrangea	<i>Hydrangea arborescens</i>	P, S	M, X	B, A
golden St. John's wort	<i>Hypericum frondosum</i>	F, P	M, X	B*
shrubby St. John's wort	<i>Hypericum prolificum</i>	F, P	H, M, S, X	B, A
common winterberry	<i>Ilex verticillata</i>	F, P, S	H, M	A
Virginia willow	<i>Itea virginica</i>	F, P, S	H, M	B, A
mountain laurel	<i>Kalmia latifolia</i>	F, P	S, X	A*
spicebush	<i>Lindera benzoin</i>	F, P	M	B, A
ninebark	<i>Physocarpus apulifolius</i>	F, P	H, M, X	B, A
flame azalea	<i>Rhododendron calendulaceum</i>	P, S	N, S	A*

wild azalea	<i>Rhododendron canescens</i>	P, S	M, S	A*
rosebay	<i>Rhododendron maximum</i>	P, S	M, S	A*
fragrant sumac	<i>Rhus aromatica</i>	F, P	S, X	B*
winged sumac	<i>Rhus copallina</i>	F, P	S, X	B, A
Carolina rose	<i>Rosa carolina</i>	F, P	M, S	B
swamp rose	<i>Rosa palustris</i>	F, P	H, M	B, A
elderberry	<i>Sambucus canadensis</i>	F, P, S	M	B
bladdernut	<i>Staphlea trifolia</i>	P, S	M, S	B
coralberry	<i>Symphoricarpus orbiculatus</i>	F, P, S	M, S, X	B, A
farkleberry	<i>Vaccinium arboreum</i>	F, P	S, X	A*
highbush blueberry	<i>Vaccinium corymbosum</i>	F, P	S, X	A*
cranberry	<i>Vaccinium macrocarpon</i>	F, P	H, M	A*
deerberry	<i>Vaccinium stamineum</i>	F, P	M, S, X	A*
mapleleaf viburnum	<i>Viburnum acerifolium</i>	P, S	M, S, X	A

**SMALL TREES**

serviceberry	<i>Amelanchier arborea</i>	F, P, S	S, X	A
Hercules club	<i>Aralia spinosa</i>	F, P	S, X	B, A
pawpaw	<i>Asimina triloba</i>	P, S	M	B
ironwood	<i>Carpinus caroliniana</i>	P, S	H, M	B, A
redbud	<i>Cercis canadensis</i>	F, P, S	M, S, X	B
fringetree	<i>Chionanthus virginicus</i>	P, S	M, S	A
alternate-leaved dogwood	<i>Cornus alternifolia</i>	P, S	M, S	A
flowering dogwood	<i>Cornus florida</i>	P, S	M, S	B, A
parsley hawthorn	<i>Crataegus marshalii</i>	F, P	S, X	B
hawthorn	<i>Crataegus mollis</i>	F, P	S, X	B
Washington hawthorn	<i>Crataegus phaenopyrum</i>	F, P	S, X	B
Carolina silverbell	<i>Halesia carolina</i>	F, P, S	M, S	A
witch-hazel	<i>Hamamelis virginiana</i>	P, S	M, S	A
American holly	<i>Ilex opaca</i>	F, P, S	M, S	A
sweetbay magnolia	<i>Magnolia virginiana</i>	P, S	M, S	A
hop hornbeam	<i>Ostrya virginiana</i>	P, S	M, S	B
sourwood	<i>Oxydendrum arboreum</i>	P, S	S, X	A*
American plum	<i>Prunus americana</i>	F, P	S, X	B, A
Carolina buckthorn	<i>Rhamnus caroliniana</i>	F, P, S	S, X	B
staghorn sumac	<i>Rhus typhina</i>	F, P	S, X	A
mountain ash	<i>Sorbus americana</i>	F, P	H, M, S	A
southern rusty blackhaw	<i>Viburnum rufidulum</i>	F, P, S	M, S, X	B
northern blackhaw	<i>Viburnum prunifolium</i>	F, P, S	M, S, X	B, A

**TREES**

red maple	<i>Acer rubrum</i>	F, P, S	H, S, X	A
silver maple	<i>Acer saccharinum</i>	F, P	H	B, A
sugar maple	<i>Acer saccharum</i>	F, P, S	M, S	B
yellow buckeye	<i>Aesculus flava</i>	P, S	M, S	B, A
black birch	<i>Betula lenta</i>	F, P, S	M, S, X	B, A
river birch	<i>Betula nigra</i>	F, P, S	H, M	B, A
bitternut hickory	<i>Carya cordiformis</i>	F, P, S	M	B
pignut hickory	<i>Carya glabra</i>	F, P, S	S, X	B, A
shagbark hickory	<i>Carya ovata</i>	F, P, S	S, X	B
mockernut hickory	<i>Carya tomentosa</i>	F, P, S	M, S, X	B, A
yellow-wood	<i>Cladrastis lutea</i>	F, P, S	M, S	B

persimmon	<i>Diospyros virginiana</i>	F, P	M, S	B, A
American beech	<i>Fagus grandifolia</i>	F, P, S	M, S	B, A
white ash	<i>Fraxinus americana</i>	F, P, S	M, S	B
green ash	<i>Fraxinus pennsylvanica</i>	F, P, S	H, M, S, X	B, A
blue ash	<i>Fraxinus quadrangulata</i>	F, P, S	M, S	B*
black walnut	<i>Juglans nigra</i>	F, P, S	M, S	B
red cedar	<i>Juniperus virginiana</i>	F, P	S, X	B
sweetgum	<i>Liquidambar styraciflua</i>	F, P, S	H, M, S, X	A
tulip poplar	<i>Liriodendron tulipifera</i>	F, P	M, S	B, A
blackgum	<i>Nyssa sylvatica</i>	F, P, S	S, X	A
cucumber tree	<i>Magnolia acuminata</i>	P, S	M	B, A
red mulberry	<i>Morus rubra</i>	F, P, S	M, S, X	B, A
shotleaf pine	<i>Pinus echinata</i>	F	S, X	A
white pine	<i>Pinus strobus</i>	F	M, S	A
sycamore	<i>Platanus occidentalis</i>	F, P	H, M	B
black cherry	<i>Prunus serotina</i>	F, P	M, S, X	B, A
white oak	<i>Quercus alba</i>	F, P	M, S, X	B, A
scarlet oak	<i>Quercus coccinea</i>	F, P	S, X	A*
southern red oak	<i>Quercus falcata</i>	F, P	S, X	B, A
water oak	<i>Quercus nigra</i>	F, P	H, M	B, A
pin oak	<i>Quercus palustris</i>	F, P	H, M, S, X	B, A
chestnut oak	<i>Quercus prinus</i>	F, P	S, X	A*
northern red oak	<i>Quercus rubra</i>	F, P	H, M, S	B, A
post oak	<i>Quercus stellata</i>	F, P	S, X	B, A
black willow	<i>Salix nigra</i>	F, P	H	B
sassafras	<i>Sassafras albidum</i>	F, P	M, S	B, A
white cedar	<i>Thuja occidentalis</i>	P, S	H, M, S	B
basswood	<i>Tilia americana</i>	F, P, S	M, S	B, A

**VINES**

dutchman's pipe	<i>Aristolochia macrophylla</i>	F, P	M, S	B, A
crossvine	<i>Bignonia capreolata</i>	F, P	H, M, S	B, A
trumpet creeper	<i>Campsis radicans</i>	F, P	S, X	B, A
leatherflower	<i>Clematis viorna</i>	F, P, S	M, S, X	B, A
virgin's bower	<i>Clematis virginiana</i>	F, P, S	M, S, X	B, A
climbing hydrangea	<i>Decumaria barbara</i>	F, P	H, M	B, A
Carolina jasmine	<i>Gelsemium sempervirens</i>	F, P	M, S	A
Virginia creeper	<i>Parthenocissus quinquefolia</i>	F, P, S	M, S, X	B, A
passionflower	<i>Passiflora incarnata</i>	F, P	S, X	B, A
Atlantic wisteria	<i>Wisteria frutescens</i>	P, S	H, M, S	B, A

**FERNS**

lady fern	<i>Athyrium felix-femina</i>
sensitive fern	<i>Onoclea sensibilis</i>
cinnamon fern	<i>Osnumda cinnamomea</i>
chain fern	<i>Woodwardia areolata</i>
maidenhair fern	<i>Adiantum pedatum</i>
ebony spleenwort	<i>Asplenium platyneuron</i>
Christmas fern	<i>Polystichum acrostichoides</i>
common grape fern	<i>Botrychium dissectum</i>
broad beech fern	<i>Phegopteris hexagonaptera</i>

common woodsia            *Woodsia obtusa*

### **GRASSES AND SEDGES**

big bluestem                *Andropogon gerardii*  
splitbeard bluestem       *Andropogon ternarius*  
broomsedge                *Andropogon virginicus*  
river cane                  *Arundinaria gigantea*  
plantain-leaved sedge     *Carex plantaginea*  
river oats, spangle grass *Chasmanthium latifolium*  
oat grass                    *Danthonia compressa*  
Canada wild rye            *Elymus canadensis*  
sugarcane plumegrass     *Erianthus gigantea*  
narrow plumegrass        *Erianthus strictus*  
bottlebrush grass         *Hystrix patula*  
switchgrass                *Panicum virgatum*  
Indian grass                *Sorghastrum nutans*

### **GROUND COVERS**

hog peanut                 *Amphicarpaea bracteata*  
pussy toes                  *Antennaria plantaginifolia*  
wild ginger                 *Asarum canadense*  
mouse-eared coreopsis    *Coreopsis auriculata*  
rattlesnake plantain      *Goodyera pubescens*  
dwarf crested iris         *Iris cristata*  
partridge berry            *Mitchella repens*  
Allegheny spurge         *Pachysandra procumbens*  
phacelia                    *Phacelia bipinnatifida*  
chalice phlox              *Phlox amoena*  
Carolina phlox            *Phlox carolina*  
wild blue phlox            *Phlox divaricata*  
downy phlox                *Phlox pilosa*  
creeping phlox             *Phlox stolonifera*  
foamflower                *Tiarella cordifolia*  
verbena                     *Verbena canadensis*

### **FLOWERS**

doll's eyes                 *Actaea alba*  
blue star                    *Amsonia  
tabernaemontana*  
thimbleweed                *Anemone virginiana*  
wild columbine             *Aquilegia canadensis*  
green dragon               *Arisaema dracontium*  
jack-in-the-pulpit         *Arisaema triphyllum*  
goats-beard                *Aruncus dioicus*  
swamp milkweed            *Asclepias incarnata*  
butterfly weed             *Asclepias tuberosa*  
white wood aster          *Aster divaricatus*  
showy aster                *Aster grandiflorus*  
late purple aster          *Aster patens*  
false goatsbeard         *Astilbe biternata*

blue wild indigo	<i>Baptisia australis</i>
marsh marigold	<i>Caltha palustris</i>
blue cohosh	<i>Caulophyllum thalictroides</i>
pink turtlehead	<i>Chelone lyonii</i>
whorled tickseed	<i>Coreopsis major</i>
wild bleeding heart	<i>Dicentra eximia</i>
shooting star	<i>Dodecatheon meadia</i>
purple coneflower	<i>Echinacea purpurea</i>
wild ageratum	<i>Eupatorium coelestinum</i>
Joe-Pye weed	<i>Eupatorium fistulosum</i>
wild geranium	<i>Geranium maculatum</i>
Maximillian sunflower	<i>Helianthus maximilianii</i>
sharp-lobed hepatica	<i>Hepatica acutiloba</i>
alumroot	<i>Heuchera americana</i>
spotted jewelweed	<i>Impatiens capensis</i>
blue flag	<i>Iris versicolor</i>
dense blazing star	<i>Liatris spicata</i>
Turks-cap lily	<i>Lilium superbum</i>
cardinal flower	<i>Lobelia cardinalis</i>
Virginia bluebells	<i>Mertensia virginica</i>
bishop's cap	<i>Mitella diphylla</i>
ginseng	<i>Panax quinquefolius</i>
phlox	<i>Phlox maculata</i>
garden phlox	<i>Phlox paniculata</i>
Jacob's ladder	<i>Polemonium reptans</i>
Solomon's seal	<i>Polygonatum biflorum</i>
black-eyed susan	<i>Rudbeckia fulgida</i>
fire pink	<i>Silene virginica</i>
rough-stemmed goldenrod	<i>Solidago rugosa</i>
spiderwort	<i>Tradescantia virginiana</i>
tall ironweed	<i>Vernonia altissima</i>
bird-foot violet	<i>Viola pedata</i>
long-spurred violet	<i>Viola rostrata</i>

### **MOSAIC FOR FULL SUN**

big bluestem	<i>Andropogon gerardii</i>
butterfly weed	<i>Asclepia tuberosa</i>
river oats	<i>Chasmanthium latifolium</i>
joe-pye weed	<i>Eupatorium dubium</i>
Carolina jessamine	<i>Gelsemium sempervirens</i>
phlox	<i>Phlox spp.</i>
black-eyed susan	<i>Rudbeckia fulgida</i>
Indian grass	<i>Sorghastrum nutans</i>

### **MOSAIC FOR SHADE**

jack-in-the-pulpit	<i>Arisaema triphyllum</i>
Dutchman's pipe	<i>Aristolochia macrophylla</i>
wild ginger	<i>Asarum canadense</i>
river oats	<i>Chasmanthium latifolium</i>
sharp-lobed hepatica	<i>Hepatica acutiloba</i>

alumroot	<i>Heuchera americana</i>
cinnamon fern	<i>Osmunda cinnamomea</i>
Solomon's seal	<i>Polygonatum biflorum</i>
Christmas fern	<i>Polystichum acrostichoides</i>
violets	<i>Viola</i> spp.

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