

Oak Savanna Planting Guide

For use with Oak Savannas: Characteristics, Restoration, and Long-term Management

Author: Thomas D. Brock

Latin name	Common name	Family name (Latin)	Family name (common)	Major group	No canopy	(OS) 10-30% canopy	(CS) 30-70% canopy	(woods) >70% canopy
<i>Actaea alba</i>	White baneberry	Ranunculaceae	Buttercup	Dicot			X	X
<i>Actaea rubra</i>	Red baneberry	Ranunculaceae	Buttercup	Dicot			X	X
<i>Agastache nepetoides</i>	Yellow giant hyssop	Labiatae	Mint	Dicot		X	X	X
<i>Agastache scrophulariaefolia</i>	Purple hyssop	Labiatae	Mint	Dicot		X		
<i>Agrimonia gryposepala</i>	Tall agrimony	Rosaceae	Rose	Dicot		X	X	
<i>Allium canadense</i>	Wild onion	Liliaceae	Lily	Monocot	X			
<i>Allium cernuum</i>	Nodding wild onion	Liliaceae	Lily	Monocot	X	X		
<i>Amorpha canescens</i>	Lead-plant	Fabaceae	Pea	Dicot	X	X		
<i>Anaphalis margaritacea</i>	Pearly everlasting	Asteraceae	Sunflower	Dicot		X	X	
<i>Andropogon gerardii</i>	Big bluestem	Poaceae	Grass	Monocot	X	X		
<i>Anemone cylindrica</i>	Thimbleweed	Ranunculaceae	Buttercup	Dicot	X	X		
<i>Anemone virginiana</i>	Tall anemone	Ranunculaceae	Buttercup	Dicot		X	X	
<i>Antennaria sp.</i>	Pussy toes	Asteraceae	Sunflower	Dicot	X	X		
<i>Aquilegia canadensis</i>	Wild columbine	Ranunculaceae	Buttercup	Dicot		X	X	X
<i>Arabis canadensis</i>	Sickle pod	Brassicaceae	Mustard	Dicot		X		
<i>Aralia racemosa</i>	Spikenard	Araliaceae	Ginseng	Dicot			X	X
<i>Arnoglossum atriplicifolia</i>	Pale Indian plantain	Asteraceae	Sunflower	Dicot		X		
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit	Araceae	Arum	Monocot				X
<i>Asclepias exaltata</i>	Poke milkweed	Asclepiadeaceae	Milkweed	Dicot			X	
<i>Asclepias purpurascens</i>	Purple milkweed	Asclepiadeaceae	Milkweed	Dicot		X	X	
<i>Asclepias syriacum</i>	Common milkweed	Asclepiadeaceae	Milkweed	Dicot		X		
<i>Asclepias tuberosa</i>	Butterfly milkweed	Asclepiadeaceae	Milkweed	Dicot	X	X		
<i>Asclepias verticillata</i>	Whorled milkweed	Asclepiadeaceae	Milkweed	Dicot	X			
<i>Asclepias viridiflora</i>	Short green milkweed	Asclepiadeaceae	Milkweed	Dicot	X			
<i>Aster ericoides</i>	Heath aster	Asteraceae	Sunflower	Dicot	X	X		
<i>Aster laevis</i>	Smooth blue aster	Asteraceae	Sunflower	Dicot	X			
<i>Aster novae-angliae</i>	New England aster	Asteraceae	Sunflower	Dicot	X			
<i>Aster oolentangiensis</i>	Sky-blue aster	Asteraceae	Sunflower	Dicot	X	X		
<i>Aster sagittifolius</i>	Arrow-leaved aster	Asteraceae	Sunflower	Dicot		X	X	
<i>Aster sericeus</i>	Silky aster	Asteraceae	Sunflower	Dicot	X			

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<i>Astragalus canadensis</i>	Canadian milkvetch	Fabaceae	Pea	Dicot		X		
<i>Aureolaria grandiflora</i>	Yellow false foxglove	Scrophulariaceae	Figwort	Dicot		X	X	
<i>Baptisia alba</i>	White wild indigo	Fabaceae	Pea	Dicot	X	X		
<i>Baptisia bracteata</i>	Cream indigo	Fabaceae	Pea	Dicot	X	X		
<i>Bouteloua curtipendula</i>	Side oats grama	Poaceae	Grass	Monocot	X	X		
<i>Bromus kalmii</i>	Prairie brome	Poaceae	Grass	Monocot	X	X		
<i>Bromus latiglumis</i>	Woodland brome	Poaceae	Grass	Monocot		X	X	X
<i>Campanula americana</i>	Tall bellflower	Campanulaceae	Bellflower	Dicot			X	X
<i>Campanula rotundifolia</i>	Harebell	Campanulaceae	Bellflower	Dicot	X	X		
<i>Ceanothus americanus</i>	New Jersey tea	Rhamnaceae	Buckthorn	Dicot		X		
<i>Cirsium altissimum</i>	Woodland thistle	Asteraceae	Sunflower	Dicot			X	
<i>Cirsium discolor</i>	Pasture thistle	Asteraceae	Sunflower	Dicot		X		
<i>Coreopsis palmata</i>	Prairie tickseed	Asteraceae	Sunflower	Dicot		X		
<i>Cryptotaenia canadensis</i>	Honewort	Apiaceae	Carrot	Dicot			X	X
<i>Dalea candida</i>	White prairie clover	Fabaceae	Pea	Dicot	X	X		
<i>Dalea purpureum</i>	Purple prairie clover	Fabaceae	Pea	Dicot	X	X		
<i>Desmodium canadense</i>	Showy tick-trefoil	Fabaceae	Pea	Dicot	X	X		
<i>Desmodium glutinosum</i>	Pointed tick-trefoil	Fabaceae	Pea	Dicot			X	
<i>Desmodium illinoense</i>	Illinois tick-trefoil	Fabaceae	Pea	Dicot		X		
<i>Desmodium nudiflorum</i>	Naked tick-trefoil	Fabaceae	Pea	Dicot		X	X	
<i>Desmodium paniculatum</i>	Panicled tick-trefoil	Fabaceae	Pea	Dicot		X	X	
<i>Dodecatheon meadia</i>	Shooting star	Primulaceae	Primrose	Dicot		X	X	
<i>Echinacea pallida</i>	Pale purple coneflower	Asteraceae	Sunflower	Dicot	X	X		
<i>Elymus hystrix</i>	Bottlebrush grass	Poaceae	Grass	Monocot		X	X	X
<i>Elymus riparius</i>	Riverbank wild rye	Poaceae	Grass	Monocot		X	X	X
<i>Elymus villosus</i>	Silky wild rye	Poaceae	Grass	Monocot		X		
<i>Elymus virginicus</i>	Virginia wild rye	Poaceae	Grass	Monocot		X		
<i>Erigeron pulchellus</i>	Robin's plantain	Asteraceae	Sunflower	Dicot		X		
<i>Eryngium yuccifolium</i>	Rattlesnake master	Apiaceae	Carrot	Dicot	X	X		
<i>Eupatorium altissimum</i>	Upland boneset	Asteraceae	Sunflower	Dicot		X		
<i>Eupatorium maculatum</i>	Spotted joe-pye weed	Asteraceae	Sunflower	Dicot	X	X		
<i>Eupatorium perfoliatum</i>	Common boneset	Asteraceae	Sunflower	Dicot	X	X		
<i>Eupatorium purpureum</i>	Purple joe-pye weed	Asteraceae	Sunflower	Dicot		X	X	
<i>Eupatorium sessilifolium</i>	Woodland boneset	Asteraceae	Sunflower	Dicot		X	X	
<i>Euphorbia corollata</i>	Flowering spurge	Euphorbiaceae	Spurge	Dicot		X		
<i>Festuca subverticillata</i>	Nodding fescue	Poaceae	Grass	Monocot			X	
<i>Gaura biennis</i>	Gaura	Onagraceae	Evening primrose	Dicot		X		
<i>Gentiana alba</i>	Cream gentian	Gentianaceae	Gentian	Dicot		X		

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<i>Gentiana andrewsii</i>	Bottle gentian	Gentianaceae	Gentian	Dicot	X	X		
<i>Gentianella quinquefolia</i>	Stiff gentian	Gentianaceae	Gentian	Dicot		X		
<i>Geranium maculatum</i>	Wild geranium	Geraniaceae	Geranium	Dicot			X	X
<i>Geum triflorum</i>	Prairie smoke	Rosaceae	Rose	Dicot	X			
<i>Hasteola suaveolens</i>	Sweet Indian plantain	Asteraceae	Sunflower	Dicot	X	X		
<i>Helenium autumnale</i>	Sneezeweed	Asteraceae	Sunflower	Dicot	X	X		
<i>Heliopsis helianthoides</i>	False sunflower	Asteraceae	Sunflower	Dicot	X	X		
<i>Heuchera richardsonii</i>	Prairie alum-root	Saxifragaceae	Saxifrage	Dicot	X	X		
<i>Hieracium kalmii</i>	Canada hawkweed	Asteraceae	Sunflower	Dicot		X		
<i>Hieraceium longipilum</i>	Prairie hawkweed	Asteraceae	Sunflower	Dicot	X	X		
<i>Hypericum punctatum</i>	Dotted St. John's wort	Hypericaceae	St. John's Wort	Dicot		X		
<i>Hypericum pyramidatum</i>	Great St. John's wort	Hypericaceae	St. John's Wort	Dicot	X	X		
<i>Koeleria macrantha</i>	June grass	Poaceae	Grass	Monocot	X			
<i>Kuhnia eupatorioides</i>	False boneset	Asteraceae	Sunflower	Dicot	X	X		
<i>Lespedeza capitata</i>	Round-headed bush clover	Fabaceae	Pea	Dicot	X	X		
<i>Liatris aspera</i>	Rough blazing star	Asteraceae	Sunflower	Dicot	X	X		
<i>Liatris cylindracea</i>	Dwarf blazing star	Asteraceae	Sunflower	Dicot	X			
<i>Liatris pycnostachya</i>	Gay feather	Asteraceae	Sunflower	Dicot	X	X		
<i>Lilium philadelphicum</i>	Wood lily	Liliaceae	Lily	Monocot		X		
<i>Lobelia cardinalis</i>	Cardinal flower	Lobeliaceae	Lobelia	Dicot	X	X		
<i>Lobelia inflata</i>	Indian tobacco	Lobeliaceae	Lobelia	Dicot	X	X		
<i>Lobelia siphilitica</i>	Great blue lobelia	Lobeliaceae	Lobelia	Dicot	X	X		
<i>Lobelia spicata</i>	Pale spiked lobelia	Lobeliaceae	Lobelia	Dicot		X		
<i>Lupinus perennis</i>	Wild lupine	Fabaceae	Pea	Dicot	X	X		
<i>Lysimachia quadrifolia</i>	Whorled loosestrife	Primulaceae	Primrose	Dicot		X		
<i>Monarda fistulosa</i>	Wild bergamot	Labiatae	Mint	Dicot	X	X		
<i>Oenothera biennis</i>	Common evening-primrose	Onagraceae	Evening primrose	Dicot	X	X		
<i>Osmorhiza claytonii</i>	Hairy sweet cicely	Apiaceae	Carrot	Dicot			X	
<i>Osmorhiza longistylis</i>	Smooth sweet cicely	Apiaceae	Carrot	Dicot			X	
<i>Panicum latifolium</i>	Broad-leaved panic grass	Poaceae	Grass	Monocot	X	X		
<i>Panicum oligosanthes</i>	Few-seeded panic grass	Poaceae	Grass	Monocot	X			
<i>Parthenium integrifolium</i>	Wild quinine	Asteraceae	Sunflower	Dicot	X			
<i>Pedicularis canadensis</i>	Wood betony	Scrophulariaceae	Figwort	Dicot	X	X		
<i>Penstemon digitalis</i>	Penstemon	Scrophulariaceae	Figwort	Dicot	X			
<i>Phlox pilosa</i>	Prairie phlox	Polemoniaceae	Phlox	Dicot	X			
<i>Phryma leptostachya</i>	Lopseed	Verbenaceae	Vervain	Dicot		X	X	
<i>Polemonium reptans</i>	Jacob's ladder	Polemoniaceae	Phlox	Dicot		X	X	X
<i>Polygala senega</i>	Seneca snakeroot	Polygalaceae	Milkwort	Dicot	X			

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<i>Polygonatum biflorum</i>	Smooth Solomon's seal	Liliaceae	Lily	Monocot		X	X	
<i>Potentilla arguta</i>	Prairie cinquefoil	Rosaceae	Rose	Dicot	X	X		
<i>Prenanthes alba</i>	Lion's foot	Asteraceae	Sunflower	Dicot		X		
<i>Pycnanthemum virginianum</i>	Common mountain mint	Labiatae	Mint	Dicot	X			
<i>Ratibida pinnata</i>	Yellow coneflower	Asteraceae	Sunflower	Dicot	X	X		
<i>Rosa sp.</i>	Rose	Rosaceae	Rose	Dicot	X	X		
<i>Rudbeckia hirta</i>	Black-eyed Susan	Asteraceae	Sunflower	Dicot	X	X	X	
<i>Rudbeckia triloba</i>	Brown-eyed Susan	Asteraceae	Sunflower	Dicot	X	X	X	
<i>Sanguinaria canadensis</i>	Bloodroot	Papaveraceae	Poppy	Dicot			X	X
<i>Schizachyrium scoparium</i>	Little bluestem	Poaceae	Grass	Monocot	X			
<i>Scrophularia marilandica</i>	Late figwort	Scrophulariaceae	Figwort	Dicot			X	
<i>Scutellaria parvula</i>	Small skullcap	Labiatae	Mint	Dicot	X			
<i>Senecio pauperculus</i>	Balsam ragwort	Asteraceae	Sunflower	Dicot	X	X		
<i>Silene antirrhina</i>	Sleepy catchfly	Caryophyllaceae	Pink	Dicot	X	X		
<i>Silphium integrifolium</i>	Rosinweed	Asteraceae	Sunflower	Dicot	X	X		
<i>Silphium laciniatum</i>	Compass plant	Asteraceae	Sunflower	Dicot	X			
<i>Silphium perfoliatum</i>	Cup plant	Asteraceae	Sunflower	Dicot	X	X		
<i>Silphium terebinthinaceum</i>	Prairie dock	Asteraceae	Sunflower	Dicot	X			
<i>Sisyrinchium campestre</i>	Blue-eyed grass	Iridaceae	Iris	Monocot	X			
<i>Smilacina racemosa</i>	False Solomon's seal	Liliaceae	Lily	Monocot			X	
<i>Smilax herbacea</i>	Carrion flower	Smilicaceae	Greenbrier	Monocot	X	X		
<i>Solidago flexicaulis</i>	Zig-zag goldenrod	Asteraceae	Sunflower	Dicot		X	X	X
<i>Solidago missouriensis</i>	Missouri goldenrod	Asteraceae	Sunflower	Dicot	X	X		
<i>Solidago nemoralis</i>	Gray goldenrod	Asteraceae	Sunflower	Dicot	X	X		
<i>Solidago rigida</i>	Stiff goldenrod	Asteraceae	Sunflower	Dicot	X	X		
<i>Solidago speciosa</i>	Showy goldenrod	Asteraceae	Sunflower	Dicot	X	X		
<i>Solidago ulmifolia</i>	Elm-leaved goldenrod	Asteraceae	Sunflower	Dicot		X	X	
<i>Sorghastrum nutans</i>	Indian grass	Poaceae	Grass	Monocot	X	X		
<i>Sphenopolis sp.</i>	Wedge grass	Poaceae	Grass	Monocot		X		
<i>Sporobolus heterolepis</i>	Prairie dropseed	Poaceae	Grass	Monocot	X	X		
<i>Stipa sp</i>	Needle grass	Poaceae	Grass	Monocot	X			
<i>Taenidia integerrima</i>	Yellow pimpinell	Apiaceae	Carrot	Dicot		X	X	
<i>Thalictrum dasycarpum</i>	Purple meadow-rue	Ranunculaceae	Buttercup	Dicot		X		
<i>Thalictrum dioicum</i>	Early meadow-rue	Ranunculaceae	Buttercup	Dicot			X	X
<i>Tradescantia ohiensis</i>	Common spiderwort	Commelinaceae	Spiderwort	Monocot	X	X		
<i>Triosteum perfoliatum</i>	Tinker's weed	Caprifoliaceae	Honeysuckle	Dicot		X	X	X
<i>Verbena hastata</i>	Blue vervain	Verbenaceae	Vervain	Dicot	X	X		
<i>Verbena stricta</i>	Hoary vervain	Verbenaceae	Vervain	Dicot	X	X		

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<i>Veronicastrum virginicum</i>	Culver's root	Scrophulariaceae	Figwort	Dicot		X	X	
<i>Viola pedata</i>	Bird's foot violet	Violaceae	Violet	Dicot	X			
<i>Zigadenus elegans</i>	White camas	Liliaceae	Lily	Monocot	X			
<i>Zizia aurea</i>	Golden Alexanders	Apiaceae	Carrot	Dicot	X	X	X	