

**400 KAR 3:040. Endangered or threatened plant lists.**

RELATES TO: KRS 146.485, 146.610

STATUTORY AUTHORITY: KRS 146.485, 146.610

NECESSITY, FUNCTION, AND CONFORMITY: KRS 146.610(2)(a) and (b) authorize the Office of Kentucky Nature Preserves to promulgate administrative regulations for the identification and designation of state threatened or endangered plant species. This administrative regulation establishes the lists of threatened or endangered plant species.

Section 1. Endangered Lists. The plant species established in the Table in this section, based on the factors in KRS 146.610(2)(a) and 400 KAR 3:020, Section 1, shall be considered endangered In the Commonwealth of Kentucky.

Scientific Name	Common Name
Vascular Plants	
<i>Acer spicatum</i>	Mountain maple
<i>Adlumia fungosa</i>	Climbing fumitory
<i>Agalinis auriculata</i>	Earleaf False Foxglove
<i>Agalinis obtusifolia</i>	Ten-lobe False Foxglove
<i>Angelica atropurpurea</i>	Great angelica
<i>Angelica triquinata</i>	Filmy angelica
<i>Apios priceana</i>	Price's potato-bean
<i>Aralia nudicaulis</i>	Wild Sarsaparilla
<i>Berberis Canadensis</i>	American barberry
<i>Bolboschoenus fluviatilis</i>	River bulrush
<i>Botrychium matricariifolium</i>	Matricary grapefern
<i>Calamagrostis porteri</i> ssp. <i>in-sperata</i>	Reed bent grass
<i>Calamovilfa arcuata</i>	Cumberland sandgrass
<i>Calopogon tuberosus</i>	Grasspink
<i>Carex aestivalis</i>	Summer sedge
<i>Carex atlantica</i> ssp. <i>Capillacea</i>	Prickly bog sedge
<i>Carex jorii</i>	Cypress-swamp sedge
<i>Carex juniperorum</i>	Cedar sedge
<i>Carex leptoneura</i>	Finely-nerved sedge
<i>Carex reniformis</i>	Reniform sedge
<i>Carex roanensis</i>	Roan mountain sedge
<i>Carex tetanica</i>	Rigid sedge
<i>Castanea dentate</i>	American chestnut
<i>Castilleja coccinea</i>	Scarlet indian paintbrush
<i>Cheilanthes feei</i>	Fee's lip fern
<i>Chelone obliqua</i> var. <i>obliqua</i>	Red turtlehead
<i>Chrysogonum virginianum</i>	Green-and-gold
<i>Collinsonia verticillata</i>	Whorled horse-balm
<i>Comptonia peregrina</i>	Sweet-fern
<i>Conradina verticillata</i>	Cumberland-rosemary
<i>Convallaria montana</i>	American lily-of-the-valley
<i>Corallorrhiza maculata</i>	Spotted coralroot
<i>Cymophyllus fraserianus</i>	Fraser's sedge

<i>Cypripedium candidum</i>	Small white lady's-slipper
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper
<i>Deschampsia cespitosa</i>	Tufted hair grass
<i>Draba cuneifolia</i>	Wedge-leaf whitlow-grass
<i>Drosera brevifolia</i>	Dwarf sundew
<i>Drosera intermedia</i>	Spoon-leaved sundew
<i>Echinodorus parvulus</i>	Dwarf burhead
<i>Eriophorum virginicum</i>	Tawny cotton-grass
<i>Eryngium integrifolium</i>	Blue-flower coyote-thistle
<i>Eupatorium semiserratum</i>	Small-flowered thoroughwort
<i>Eurybia hemisphericus</i>	Southern prairie aster
<i>Eurybia radula</i>	Low rough aster
<i>Gentiana flavida</i>	Yellow gentian
<i>Gentiana puberulenta</i>	Prairie gentian
<i>Glyceria acutiflora</i>	Sharp-scaled manna-grass
<i>Goodyera repens</i>	Lesser rattlesnake-plantain
<i>Gymnopogon brevifolius</i>	Shortleaf skeleton grass
<i>Halesia tetraptera</i>	Common silverbell
<i>Helianthemum bicknellii</i>	Plains frostweed
<i>Helianthemum canadense</i>	Canada frostweed
<i>Helianthus silphioides</i>	Silphium sunflower
<i>Hexastylis contracta</i>	Southern heartleaf
<i>Houstonia serpyllifolia</i>	Michaux's bluets
<i>Hydrocotyle americana</i>	American water-pennywort
<i>Hydrocotyle ranunculoides</i>	Floating pennywort
<i>Hydrolea ovata</i>	Ovate fiddleleaf
<i>Iris fulva</i>	Copper iris
<i>Isoetes butleri</i>	Butler's quillwort
<i>Isoetes melanopoda</i>	Blackfoot quillwort
<i>Koeleria macrantha</i>	June grass
<i>Krigia occidentalis</i>	Western dwarf dandelion
<i>Leavenworthia exigua</i> var. <i>laciniata</i>	Kentucky gladecress
<i>Lesquerella globosa</i>	Globe bladderpod
<i>Leucothoe recurva</i>	Fetterbush
<i>Lobelia gattingeri</i>	Gattinger's lobelia
<i>Lonicera dioica</i> var. <i>orientalis</i>	Wild honeysuckle
<i>Lonicera prolifera</i>	Grape honeysuckle
<i>Ludwigia hirtella</i>	Hairy ludwigia
<i>Lycopodiella appressa</i>	Southern bog club-moss
<i>Lycopodiella inundatum</i>	Northern bog club-moss
<i>Lycopodium clavatum</i>	Running-pine
<i>Lysimachia terrestris</i>	Swamp-candles
<i>Maianthemum stellatum</i>	Starflower false solomon's-seal
<i>Marshallia grandiflora</i>	Large-flowered barbara's-buttons
<i>Matelea carolinensis</i>	Carolina anglepod
<i>Melampyrum lineare</i> var. <i>pecti-</i>	American cowwheat

natum	
<i>Melanthium virginicum</i>	Virginia bunchflower
<i>Minuartia cumberlandensis</i>	Cumberland sandwort
<i>Muhlenbergia bushii</i>	Bush's muhly
<i>Nestronia umbellula</i>	Conjurer's-nut
<i>Oenothera linifolia</i>	Thread-leaf sundrops
<i>Oenothera perennis</i>	Small sundrops
<i>Oldenlandia uniflora</i>	Clustered bluets
<i>Onosmodium hispidissimum</i>	Hairy false gromwell
<i>Onosmodium occidentale</i>	Western false gromwell
<i>Parnassia asarifolia</i>	Kidney-leaf grass-of-parnassus
<i>Parnassia grandifolia</i>	Largeleaf grass-of-parnassus
<i>Paronychia argyrocoma</i>	Silverling
<i>Philadelphus pubescens</i>	Hoary mockorange
<i>Phlox bifida</i> ssp. <i>stellaria</i>	Starry-cleft phlox
<i>Platanthera integrilabia</i>	White fringeless orchid
<i>Platanthera psycodes</i>	Small purple-fringed orchid
<i>Poa saltuensis</i>	Droping blue grass
<i>Pogonia ophioglossoides</i>	Rose pogonia
<i>Polygala cruciata</i>	Cross-leaf milkwort
<i>Polygala paucifolia</i>	Gaywings
<i>Polymnia laevigata</i>	Tennessee leafcup
<i>Potamogeton amplifolius</i>	Bigleaf pondweed
<i>Prenanthes alba</i>	White rattlesnake-root
<i>Prenanthes aspera</i>	Rough rattlesnake-root
<i>Prenanthes barbata</i>	Barbed rattlesnake-root
<i>Ptilimnium nuttallii</i>	Nuttall's mock bishop's-weed
<i>Pycnanthemum albescens</i>	White-leaved mountain-mint
<i>Rhododendron canescens</i>	Hoary azalea
<i>Rhynchosia tomentosa</i>	Hairy snout-bean
<i>Rhynchospora macrostachya</i>	Tall beakrush
<i>Rubus canadensis</i>	Smooth blackberry
<i>Rudbeckia subtomentosa</i>	Sweet coneflower
<i>Sabatia campanulata</i>	Slender marsh-pink
<i>Sagittaria rigida</i>	Sessile-fruit arrowhead
<i>Salvia urticifolia</i>	Nettle-leaf sage
<i>Sambucus racemosa</i> ssp. <i>pubens</i>	Red elderberry
<i>Sanguisorba canadensis</i>	Canada burnet
<i>Saxifraga micranthidifolia</i>	Lettuce-leaf saxifrage
<i>Schisandra glabra</i>	Bay starvine
<i>Schoenoplectis hallii</i>	Hall's bulrush
<i>Scirpus expansus</i>	Woodland bulrush
<i>Scleria ciliata</i>	Fringed nut-rush
<i>Scutellaria arguta</i>	Hairy skullcap
<i>Silene ovata</i>	Ovate catchfly
<i>Silene regia</i>	Royal catchfly

<i>Solidago shortii</i>	Short's goldenrod
<i>Sparganium eurycarpum</i>	Large bur-reed
<i>Spiraea alba</i>	Narrow-leaved meadowsweet
<i>Spiranthes odorata</i>	Sweetscent ladies'-tresses
<i>Sporobolus heterolepis</i>	Northern dropseed
<i>Symphoricarpos albus</i>	Snowberry
<i>Talinum calcaricum</i>	Limestone fameflower
<i>Talinum teretifolium</i>	Roundleaf fameflower
<i>Tephrosia spicata</i>	Spiked hoary-pea
<i>Thermopsis mollis</i>	Soft-haired thermopsis
<i>Toxicodendron vernix</i>	Poison sumac
<i>Tragia urticifolia</i>	Nettle-leaf noseburn
<i>Trichophorum planifolium</i>	Bashful bulrush
<i>Trichostema setaceum</i>	Narrow-leaved bluecurls
<i>Trientalis borealis</i>	Northern starflower
<i>Trifolium reflexum</i>	Buffalo clover
<i>Trillium nivale</i>	Snow trillium
<i>Trillium pusillum</i>	Least trillium
<i>Utricularia macrorhiza</i>	Greater bladderwort
<i>Vaccinium erythrocarpum</i>	Highbush cranberry
<i>Veratrum parviflorum</i>	Small-flowered false hellebore
<i>Viburnum latanoides</i>	Alderleaf viburnum
<i>Viburnum nudum</i>	Possum haw viburnum
<i>Xyris difformis</i>	Carolina yellow-eye-grass
Mosses	
<i>Brachythecium populeum</i>	Matted feather moss
<i>Bryum cyclophyllum</i>	A moss
<i>Bryum miniatum</i>	A moss
<i>Dicranodontium asperulum</i>	A moss
<i>Entodon brevisetus</i>	A moss
<i>Herzogiella turfacea</i>	A moss
<i>Oncophorus raui</i>	A moss
<i>Orthotrichum diaphanum</i>	A moss
<i>Polytrichum strictum</i>	A haircap moss
<i>Sphagnum quinquefarium</i>	A sphagnum moss
<i>Tortula norvegica</i>	Tortula

Section 2. Threatened Lists. The plant species established in the Table in this section,, based on the factors in KRS 146.610(2)(a) and the criteria established in 400 KAR 3:020, Section 1, shall be considered threatened in the Commonwealth of Kentucky.

Scientific Name	Common Name
<i>Aconitum uncinatum</i>	Blue monkshood
<i>Adiantum capillus-veneris</i>	Southern maiden-hair-fern
<i>Aesculus pavia</i>	Red buckeye
<i>Agrimonia gryposepala</i>	Tall hairy groovebur

Amianthium muscitoxicum	Fly-poison
Arabis hirsuta	Hairy rockcress
Arabis perstellata	Braun's rockcress
Armoracia lacustris	Lake cress
Baptisia tinctoria	Yellow wild indigo
Bartonia virginica	Yellow screwstem
Berchemia scandens	Supplejack
Boykinia aconitifolia	Brook saxifrage
Cabomba caroliniana	Carolina fanwort
Calamagrostis porteri ssp. porteri	Porter's reed grass
Calycanthus floridus var. glaucus	Sweetshrub
Carex alata	Broadwing sedge
Carex appalachica	Appalachian sedge
Carex crebriflora	Coastal plain sedge
Carex decomposita	Epiphytic sedge
Carex gigantea	Large sedge
Carex rugosperma	Umbel-like sedge
Carex straminea	Straw sedge
Carya aquatica	Water hickory
Carya carolinae-septentrionalis	Southern shagbark hickory
Castanea pumila	Allegheny chinkapin
Ceanothus herbaceus	Prairie redroot
Chrysosplenium americanum	American golden-saxifrage
Cimicifuga rubifolia	Appalachian bugbane
Clematis crispa	Blue jasmine leather-flower
Cypripedium parviflorum var. parviflorum	Small yellow lady's-slipper
Delphinium carolinianum	Carolina larkspur
Deschampsia flexuosa	Crinkled hair grass
Echinodorus berteroi	Burhead
Elodea nuttallii	Waterweed
Eupatorium steelei	Steele's joe-pye-weed
Euphorbia mercurialina	Mercury spurge
Eurybia saxicastellii	Rockcastle aster
Fimbristylis puberula	Hairy fimbristylis
Forestiera ligustrina	Upland privet
Gratiola pilosa	Shaggy hedge-hyssop

<i>Hedeoma hispidum</i>	Rough pennyroyal
<i>Helianthus eggertii</i>	Eggert's sunflower
<i>Heterotheca subaxillaris</i> var. <i>latifolia</i>	Broad-leaf golden-aster
<i>Hieracium longipilum</i>	Hairy hawkweed
<i>Hydrophyllum virginianum</i>	Eastern waterleaf
<i>Hypericum crux-andreae</i>	St. Peter's-wort
<i>Juncus filipendulus</i>	Long-styled rush
<i>Juniperus communis</i> var. <i>depressa</i>	Ground juniper
<i>Lathyrus palustris</i>	Vetchling peavine
<i>Leavenworthia torulosa</i>	Necklace glade cress
<i>Liatris cylindracea</i>	Slender blazingstar
<i>Lilium philadelphicum</i>	Wood lily
<i>Lilium superbum</i>	Turk's cap lily
<i>Limnobium spongia</i>	American frog's-bit
<i>Liparis loeselii</i>	Loesel's twayblade
<i>Listera smallii</i>	Kidney-leaf twayblade
<i>Lobelia nuttallii</i>	Nuttall's lobelia
<i>Maianthemum canadense</i>	Wild lily-of-the-valley
<i>Malvastrum hispidum</i>	Hispid false mallow
<i>Melampyrum lineare</i> var. <i>pectinatum</i>	American cowwheat
<i>Minuartia glabra</i>	Appalachian sandwort
<i>Monotropsis odorata</i>	Sweet pinesap
<i>Muhlenbergia cuspidata</i>	Plains muhly
<i>Nemophila aphylla</i>	Small-flower baby-blue-eyes
<i>Oclemena acuminata</i>	Whorled aster
<i>Oenothera triloba</i>	Stemless evening-primrose
<i>Orontium aquaticum</i>	Goldenclub
<i>Paxistima canbyi</i>	Canby's mountain-lover
<i>Perideridia americana</i>	Eastern eulophus
<i>Philadelphus inodorus</i>	Mock orange
<i>Phlox bifida</i> ssp. <i>bifida</i>	Cleft phlox
<i>Platanthera cristata</i>	Yellow-crested orchid
<i>Polygala polygama</i>	Racemed milkwort
<i>Pontederia cordata</i>	Pickerel-weed

Potamogeton pulcher	Spotted pondweed
Prenanthes crepidinea	Nodding rattle-snake-root
Ptilimnium capillaceum	Mock bishop's-weed
Quercus nigra	Water oak
Quercus texana	Nuttall's oak
Sagina fontinalis	Water stitchwort
Sagittaria graminea	Grass-leaf arrow-head
Sagittaria platphylla	Delta arrowhead
Saxifraga michauxii	Michaux's saxifrage
Schizachne purpurascens	Purple-oat
Scutellaria saxatilis	Rock skullcap
Sedum telephioides	Allegheny stonecrop
Silphium laciniatum	Compassplant
Solidago albopilosa	White-haired goldenrod
Solidago curtisii	Curtis' goldenrod
Solidago roanensis	Roan mountain goldenrod
Spiraea virginiana	Virginia spiraea
Spiranthes lucida	Shining ladies'-tresses
Spiranthes magnicamporum	Great plains ladies'-tresses
Spiranthes ochroleuca	Yellow nodding ladies'-tresses
Sporobolus clandestinus	Rough dropseed
Stenanthium gramineum	Eastern featherbells
Symphyotrichum concolor	Eastern silvery aster
Symphyotrichum priceae	White heath aster
Taxus canadensis	Canadian yew
Thaspium pinnatifidum	Cutleaf meadow-parsnip
Thuja occidentalis	Northern white-cedar
Trifolium stoloniferum	Running buffalo clover
Trillium undulatum	Painted trillium
Veratrum woodii	Wood's bunchflower
Viburnum molle	Missouri arrow-wood

Viburnum rafinesquianum var. rafinesquianum	Downey arrow-wood
Viola walteri	Walter's violet
Vitis rupestris	Sand grape
Zizaniopsis miliacea	Southern wild rice
Mosses	
Abietinella abietina	Wire fern moss
Anomodon rugelii	A moss
Cirriphyllum piliferum	A moss
Neckera pennata	A moss

(28 Ky.R. 2124; 2334; eff. 5-16-2002; 33 Ky.R. 1635; 2278; eff. 3-9-2007; 45 Ky.R. 1786, 2607; eff. 4-5-2019.)