

# Trip Report for: Pickle Springs NA

Species Count: 399

Date: WGNSS Lists      Ste. Genevieve County

Agency: MDC

Location: Sandstone Canyons- Natural Area Nomination

Participants: Bill Summers and Webster Groves Natutre Study Participants

Species Name (Synonym)	Common Name	Family	COFC	COFW
<i>Acalypha</i>	slender three-seeded mercury	Euphorbiaceae	3	5
<i>Acer rubrum var. undetermined</i>	red maple	Sapindaceae	5	0
<i>Acer saccharum var. undetermined</i>	sugar maple	Sapindaceae	5	3
<i>Achillea millefolium</i>	yarrow	Asteraceae/Anthemideae	1	3
<i>Adiantum pedatum var. pedatum</i>	northern maidenhair fern	Pteridaceae	Fern/Ally	6 1
<i>Aesculus glabra var. undetermined</i>	Ohio buckeye	Sapindaceae	5	-1
<i>Agalinis purpurea (Gerardia)</i>	smooth gerardia	Orobanchaceae	10	-3
Srank: S2    Grank: G5				
<i>Ageratina altissima var. altissima (Eupatorium rugosum)</i>	white snakeroot	Asteraceae/Eupatorieae	2	3
<i>Agrimonia pubescens</i>	downy agrimony	Rosaceae	4	5
<i>Agrimonia rostellata</i>	woodland agrimony	Rosaceae	4	3
<i>Agrostis eliottiana</i>	awned bent grass	Poaceae/Aveneae	3	5
* <i>Agrostis gigantea</i>	redtop	Poaceae/Aveneae	0	-3
<i>Agrostis perennans</i>	upland bent	Poaceae/Aveneae	3	1
* <i>Agrostis stolonifera var. palustris</i>	creeping bent	Poaceae/Aveneae	0	-3
<i>Allium canadense var. canadense</i>	wild garlic	Liliaceae	2	3
<i>Allium canadense var. undetermined</i>	wild garlic	Liliaceae	2	3
<i>Allium stellatum</i>	wild onion	Liliaceae	6	5
* <i>Allium vineale</i>	field garlic	Liliaceae	0	3
<i>Alnus serrulata</i>	common alder	Betulaceae	7	-5
<i>Ambrosia artemisiifolia</i>	common ragweed	Asteraceae/Heliantheae	0	3
<i>Ambrosia bidentata</i>	lanceleaf ragweed	Asteraceae/Heliantheae	0	4
<i>Amelanchier arborea var. arborea</i>	downy serviceberry	Rosaceae	6	3
<i>Amorpha fruticosa</i>	false indigo	Fabaceae/Faboideae	6	-3
<i>Amphicarpaea bracteata</i>	hog peanut	Fabaceae/Faboideae	4	0
<i>Andropogon gerardii var. undetermined</i>	big bluestem	Poaceae/Andropogoneae	5	1
<i>Andropogon ternarius var. ternarius</i>	splitbeard bluestem	Poaceae/Andropogoneae	5	3
<i>Anemone virginiana var. virginiana</i>	thimbleweed	Ranunculaceae	4	5
<i>Antennaria parlinii var. undetermined (A. plantaginifolia)</i>	plainleaf pussytoes	Asteraceae/Gnaphalieae	5	5
<i>Apocynum cannabinum</i>	Indian hemp	Apocynaceae	3	0
<i>Aquilegia canadensis</i>	columbine	Ranunculaceae	6	1
<i>Arabis hirsuta var. undetermined</i>	hairy rock cress	Brassicaceae	6	3
<i>Aralia racemosa</i>	American spikenard	Araliaceae	8	5

Species Name (Synonym)	Common Name	Family	COFC	COFW
<i>Arisaema triphyllum</i> ssp. <i>triphyllum</i> ( <i>A. atrorubens</i> )	Jack-in-the-pulpit	Araceae	6	-2
<i>Aristida longespica</i> var. <i>undetermined</i>	slimspike three-awn	Poaceae/Aristideae	2	4
<i>Aristolochia serpentaria</i>	Virginia snakeroot	Aristolochiaceae	6	5
<i>Arnoglossum atriplicifolium</i> ( <i>Cacalia atriplicifolia</i> )	pale Indian plantain	Asteraceae/Senecioneae	4	5
<i>Arnoglossum plantagineum</i> ( <i>Cacalia plantaginea</i> , <i>C. tuberosa</i> )	Indian plantain	Asteraceae/Senecioneae	8	0
<i>Aruncus dioicus</i> var. <i>pubescens</i>	goat's beard	Rosaceae	6	3
<i>Asarum canadense</i>	wild ginger	Aristolochiaceae	6	5
<i>Asclepias quadrifolia</i>	whorled milkweed	Asclepiadaceae	6	5
<i>Asclepias tuberosa</i> ssp. <i>interior</i>	butterfly weed	Asclepiadaceae	5	5
<i>Asclepias verticillata</i>	whorled milkweed	Asclepiadaceae	2	5
<i>Asimina triloba</i>	pawpaw	Annonaceae	5	0
<i>Asplenium pinnatifidum</i>	lobed spleenwort	Aspleniaceae	Fern/Ally	10 5
			Srank: SU	Grank: G?
<i>Asplenium platyneuron</i>	ebony spleenwort	Aspleniaceae	Fern/Ally	4 3
<i>Asplenium resiliens</i>	little ebony spleenwort	Aspleniaceae	Fern/Ally	9 5
<i>Asplenium ruta-muraria</i>	wall-rue	Aspleniaceae	Fern/Ally	10 5
<i>Athyrium filix-femina</i> var. <i>undetermined</i>	lady fern	Dryopteridaceae	Fern/Ally	8 0
<i>Aureolaria flava</i> ( <i>Gerardia</i> )	smooth false foxglove	Orobanchaceae	8	5
<i>Aureolaria grandiflora</i> var. <i>undetermined</i> ( <i>Gerardia</i> )	big-flowered gerardia	Orobanchaceae	6	5
<i>Aureolaria pectinata</i> ( <i>Gerardia pedicularia</i> var. <i>pectinata</i> )	false foxglove	Orobanchaceae	7	5
<i>Baptisia bracteata</i> var. <i>leucophaea</i> ( <i>B. leucophaea</i> )	cream white indigo	Fabaceae/Faboideae	7	5
* <i>Barbarea vulgaris</i>	yellow rocket	Brassicaceae	0	0
* <i>Belamcanda chinensis</i>	blackberry lily	Iridaceae	0	5
<i>Bidens frondosa</i>	beggar ticks	Asteraceae/Heliantheae	2	-3
<i>Blephilia ciliata</i>	Ohio horse mint	Lamiaceae	6	5
<i>Boechera canadensis</i> ( <i>Arabis</i> )	sicklepod	Brassicaceae	4	5
<i>Boechera laevigata</i> ( <i>Arabis</i> )	smooth rock cress	Brassicaceae	6	5
<i>Boechera missouriensis</i> ( <i>Arabis</i> )	rock cress	Brassicaceae	5	5
<i>Botrychium dissectum</i>	cut-leaf grape fern	Ophioglossaceae	Fern/Ally	5 0
<i>Botrychium virginianum</i> var. <i>virginianum</i>	rattlesnake fern	Ophioglossaceae	Fern/Ally	4 3
<i>Brachyelytrum erectum</i> var. <i>erectum</i>		Poaceae/Brachyelytreae	5	5
<i>Brasenia schreberi</i>	water shield	Cabombaceae	2	-5
<i>Brickellia eupatorioides</i> var. <i>undetermined</i> ( <i>Kuhnia</i> , <i>Eupatorium</i> )	false boneset	Asteraceae/Eupatorieae	6	5
<i>Brickellia grandiflora</i>	tassel flower	Asteraceae/Eupatorieae	10	5
<i>Bromus pubescens</i>	Canada brome	Poaceae/Bromeae	5	5
* <i>Bromus racemosus</i>	hairy chess	Poaceae/Bromeae	0	5
<i>Bulbostylis capillaris</i>		Cyperaceae	4	2
<i>Camassia scilloides</i>	wild hyacinth	Liliaceae	6	-1

<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Campanula americana (Campanulastrum americanum)</i>	tall bellflower	Campanulaceae	4	0
<i>Cardamine bulbosa</i>	springcress	Brassicaceae	7	-5
<i>Cardamine concatenata (Dentaria laciniata)</i>	cut leaved toothwort	Brassicaceae	4	3
<i>Carex albicans var. albicans</i>	sedge	Cyperaceae	6	5
<i>Carex blanda</i>	sedge	Cyperaceae	2	0
<i>Carex bushii</i>	sedge	Cyperaceae	4	-3
<i>Carex cephalophora</i>	sedge	Cyperaceae	5	3
<i>Carex crinita</i>	fringed sedge	Cyperaceae	7	-4
<i>Carex glaucodea</i>		Cyperaceae	4	5
<i>Carex hirsutella</i>		Cyperaceae	4	4
<i>Carex jamesii</i>	sedge	Cyperaceae	4	5
<i>Carex muehlenbergii var. enervis</i>	sedge	Cyperaceae	8	5
<i>Carex oligocarpa</i>	sedge	Cyperaceae	6	5
<i>Carex retroflexa</i>	sedge	Cyperaceae	4	5
<i>Carex sparganioides</i>	sedge	Cyperaceae	5	0
<i>Carex umbellata</i>	sedge	Cyperaceae	6	5
<i>Carex virescens</i>	sedge	Cyperaceae	7	3
<i>Carpinus caroliniana var. undetermined</i>	blue beech	Betulaceae	6	0
<i>Carya glabra</i>	pignut hickory	Juglandaceae	6	3
<i>Carya ovata var. ovata</i>	shagbark hickory	Juglandaceae	4	3
<i>Carya texana</i>	black hickory	Juglandaceae	5	5
<i>Celastrus scandens</i>	American bittersweet	Celastraceae	3	3
<i>Celtis laevigata var. laevigata</i>	sugarberry	Ulmaceae	4	-3
<i>Celtis occidentalis</i>	northern hackberry	Ulmaceae	3	1
<i>Cercis canadensis var. canadensis</i>	eastern redbud	Fabaceae/Caesalpinioideae	3	3
<i>Chamaecrista fasciculata (Cassia)</i>	showy partridge-pea	Fabaceae/Caesalpinioideae	2	4
<i>Chamaecrista nictitans var. nictitans (Cassia)</i>	small-flowered partridge-pea	Fabaceae/Caesalpinioideae	2	4
<i>Chasmanthium latifolium (Uniola)</i>	river oats	Poaceae/Centothecae	4	-3
<i>Cheilanthes feei</i>	slender lip fern	Pteridaceae		Fern/Ally 8 5
<i>Cheilanthes lanosa</i>	hairy lip fern	Pteridaceae		Fern/Ally 7 5
<i>Circaea canadensis (C. lutetiana ssp. canadensis)</i>	enchanter's nightshade	Onagraceae	2	3
<i>Claytonia virginica</i>	Virginia spring beauty	Portulacaceae	3	3
<i>Clinopodium arkansanum (Calamintha (Satureja) arkansana)</i>	Arkansas calamint	Lamiaceae	7	-3
<i>Clitoria mariana var. mariana</i>	butterfly pea	Fabaceae/Faboideae	7	5
<i>Comandra umbellata ssp. umbellata (C. richardsiana)</i>	bastard toadflax	Santalaceae	7	3
* <i>Commelina communis</i>	common dayflower	Commelinaceae	0	0
<i>Conyza canadensis var. undetermined (Erigeron)</i>	horseweed	Asteraceae/Astereae	0	1
<i>Corallorhiza wisteriana</i>	coral root	Orchidaceae	7	2
<i>Coreopsis palmata</i>	finger coreopsis	Asteraceae/Heliantheae	7	5

Species Name (Synonym)	Common Name	Family	COFC	COFW
<i>Coreopsis pubescens</i> var. <i>pubescens</i>	star tickseed	Asteraceae/Heliantheae	7	1
<i>Coreopsis tripteris</i>	tall tickseed	Asteraceae/Heliantheae	6	0
<i>Cornus florida</i>	flowering dogwood	Cornaceae	5	4
<i>Corydalis aurea</i> ssp. <i>occidentalis</i> ( <i>C. curvisiliqua</i> )	golden corydalis	Fumariaceae	5	5
<i>Crotalaria sagittalis</i>	rattlebox	Fabaceae/Faboideae	5	5
<i>Croton capitatus</i>	woolly croton	Euphorbiaceae	0	5
<i>Croton willdenowii</i> ( <i>Crotonopsis elliptica</i> )	common rushfoil	Euphorbiaceae	4	5
<i>Cubelium concolor</i> ( <i>Hybanthus</i> )	green violet	Violaceae	7	2
<i>Cunila origanoides</i>	dittany	Lamiaceae	6	5
<i>Cuphea viscosissima</i> ( <i>C. petiolata</i> )	clammy cuphea	Lythraceae	4	3
<i>Cynoglossum virginianum</i>	wild comfrey	Boraginaceae	6	5
<i>Cyperus lupulinus</i> ssp. <i>lupulinus</i>	nut sedge	Cyperaceae	4	4
<i>Danthonia spicata</i>	poverty grass	Poaceae/Arundineae	3	5
<i>Dasistoma macrophylla</i> ( <i>Seymeria</i> )	mullein foxglove	Orobanchaceae	5	4
* <i>Daucus carota</i> ssp. <i>carota</i>	wild carrot	Apiaceae	0	5
<i>Delphinium tricorne</i>	dwarf larkspur	Ranunculaceae	6	5
<i>Dennstaedtia punctilobula</i>	hay-scented fern	Dennstaedtiaceae	Fern/Ally	10 5
			Srank: S2	Grank: G5
<i>Desmodium rotundifolium</i>	prostrate tick trefoil	Fabaceae/Faboideae	6	5
<i>Desmodium sessilifolium</i>	sessileleaf tick trefoil	Fabaceae/Faboideae	5	5
<i>Desmodium viridiflorum</i>	velvetleaf tick trefoil	Fabaceae/Faboideae	10	5
			Srank: S1	Grank: G5?
* <i>Dianthus armeria</i> ssp. <i>armeria</i>	Deptford pink	Caryophyllaceae	0	5
<i>Diodia teres</i>	rough buttonweed	Rubiaceae	2	3
<i>Dioscorea quaternata</i>	wild yam	Dioscoreaceae	5	3
<i>Dioscorea villosa</i>	wild yam	Dioscoreaceae	5	-1
<i>Diospyros virginiana</i>	persimmon	Ebenaceae	3	0
<i>Draba brachycarpa</i>	whitlow grass	Brassicaceae	0	5
<i>Dryopteris intermedia</i>	evergreen wood fern	Dryopteridaceae	Fern/Ally	10 0
			Srank: S1	Grank: G5
<i>Dryopteris marginalis</i>	marginal shield fern	Dryopteridaceae	Fern/Ally	7 3
<i>Eleocharis verrucosa</i>	spike rush	Cyperaceae	6	-3
<i>Elephantopus carolinianus</i>	Carolina elephant's foot	Asteraceae/Vernonieae	3	1
<i>Elymus villosus</i>	downy wild rye	Poaceae/Triticeae	4	3
<i>Elymus virginicus</i> var. <i>undetermined</i>	Virginia wild rye	Poaceae/Triticeae	5	-2
<i>Eragrostis spectabilis</i>	purple love grass	Poaceae/Eragrostideae	3	5
<i>Erechtites hieraciifolius</i> var. <i>hieraciifolius</i>	fireweed	Asteraceae/Senecioneae	1	3
<i>Erigeron philadelphicus</i>	Philadelphia fleabane	Asteraceae/Astereae	3	-3
<i>Erigeron strigosus</i> var. <i>strigosus</i>	daisy fleabane	Asteraceae/Astereae	3	1
<i>Erythronium mesochoreum</i>	white dogtooth violet	Liliaceae	7	5

<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Eupatorium serotinum</i>	late boneset	Asteraceae/Eupatorieae	1	-1
<i>Euphorbia commutata (Tithymalus)</i>	wood spurge	Euphorbiaceae	6	5
<i>Euphorbia corollata (Agaloma)</i>	flowering spurge	Euphorbiaceae	3	5
<i>Euphorbia maculata (Chamaesyce, E. supina)</i>	milk purslane	Euphorbiaceae	0	5
<i>Fallopia scandens (Polygonum)</i>	false buckwheat	Polygonaceae	3	0
<i>Festuca subverticillata</i>	nodding fescue	Poaceae/Poeae	4	2
<i>Fragaria virginiana</i>	wild strawberry	Rosaceae	3	1
<i>Frasera caroliniensis (Swertia)</i>	American columbo	Gentianaceae	7	5
<i>Fraxinus americana</i>	white ash	Oleaceae	4	3
<i>Galium aparine</i>	cleavers	Rubiaceae	0	3
<i>Galium circaezans</i>	forest bedstraw	Rubiaceae	4	4
<i>Galium concinnum</i>	shining bedstraw	Rubiaceae	4	3
<i>Galium pilosum</i>	hairy bedstraw	Rubiaceae	6	5
<i>Galium triflorum</i>	fragrant bedstraw	Rubiaceae	4	2
<i>Gamochaeta purpurea (Gnaphalium)</i>	purple cudweed	Asteraceae/Gnaphalieae	3	3
<i>Gaylussacia baccata</i>	black huckleberry	Ericaceae	10	3
			Strank: S1	Grank: G5
<i>Geranium carolinianum</i>	Carolina crane's bill	Geraniaceae	0	5
<i>Geranium maculatum</i>	wild geranium	Geraniaceae	5	3
<i>Geum vernum</i>	spring avens	Rosaceae	3	1
<i>Gillenia stipulata (Porteranthus)</i>	midwestern Indian physic	Rosaceae	5	5
<i>Goodyera pubescens</i>	downy rattlesnake plantain	Orchidaceae	10	0
<i>Gratiola neglecta</i>	clammy hedge hyssop	Plantaginaceae	4	-5
<i>Helenium autumnale</i>	common sneezeweed	Asteraceae/Heliantheae	5	-4
<i>Helianthus hirsutus</i>	hairy sunflower	Asteraceae/Heliantheae	4	5
<i>Heliopsis helianthoides var. undetermined</i>	ox-eye	Asteraceae/Heliantheae	5	4
<i>Heuchera americana var. undetermined</i>	common alum root	Saxifragaceae	7	4
<i>Hieracium gronovii</i>	beaked hawkweed	Asteraceae/Cichorieae	4	5
<i>Houstonia longifolia (Hedyotis)</i>	long-leaved bluets	Rubiaceae	5	5
<i>Houstonia nigricans var. nigricans (Hedyotis)</i>	narrow-leaved bluets	Rubiaceae	5	5
<i>Houstonia pusilla (H. minima, Hedyotis pusilla, Hedyotis crassifolia)</i>	small bluets	Rubiaceae	3	4
<i>Huperzia lucidula var. lucidula (Lycopodium)</i>	shining clubmoss	Lycopodiaceae	Fern/Ally	10 -1
<i>Huperzia porophila</i>	rock clubmoss	Lycopodiaceae	Fern/Ally	10 4
			Strank: S2	Grank: G4
<i>Hydrangea arborescens var. undetermined</i>	American hydrangea	Hydrangeaceae	7	4
<i>Hydrastis canadensis</i>	goldenseal	Ranunculaceae	6	5
<i>Hylodesmum glutinosum (Desmodium)</i>	cluster tick trefoil	Fabaceae/Faboideae	3	5
<i>Hylodesmum nudiflorum (Desmodium)</i>	naked tick trefoil	Fabaceae/Faboideae	4	5
<i>Hypericum gentianoides (Sarothra)</i>	pineweed	Clusiaceae	5	3

Species Name (Synonym)	Common Name	Family	COFC	COFW
<i>Hypericum hypericoides</i> var. <i>undetermined</i> ( <i>Ascyrum</i> )	St. Andrew's cross	Clusiaceae	8	3
<i>Hypericum mutilum</i> ssp. <i>mutilum</i>	dwarf St. John's-wort	Clusiaceae	4	-3
* <i>Hypericum perforatum</i>	common St. John's-wort	Clusiaceae	0	5
<i>Hypericum punctatum</i>	spotted St. John's-wort	Clusiaceae	3	-1
<i>Hypoxis hirsuta</i>	yellow star grass	Liliaceae	5	-1
<i>Isotria verticillata</i>	large whorled pogonia	Orchidaceae	10	0
			Srank: S1S2	Grank: G5
<i>Juglans nigra</i>	black walnut	Juglandaceae	4	3
<i>Juncus interior</i>	inland rush	Juncaceae	5	-1
<i>Juncus secundus</i>	rush	Juncaceae	5	1
<i>Juncus tenuis</i> var. <i>undetermined</i>	path rush	Juncaceae	0	0
<i>Juniperus virginiana</i> var. <i>virginiana</i>	red cedar	Cupressaceae	2	3
<i>Krigia biflora</i> var. <i>biflora</i>	two-flowered Cynthia	Asteraceae/Cichorieae	5	3
<i>Krigia dandelion</i>	potato dandelion	Asteraceae/Cichorieae	6	3
<i>Krigia virginica</i>	Virginia dwarf dandelion	Asteraceae/Cichorieae	3	5
<i>Lactuca canadensis</i>	wild lettuce	Asteraceae/Cichorieae	3	2
<i>Leersia virginica</i>	white grass	Poaceae/Oryzeae	4	-3
* <i>Lespedeza cuneata</i>	sericea lespedeza	Fabaceae/Faboideae	0	5
<i>Lespedeza frutescens</i>	prairie lespedeza	Fabaceae/Faboideae	5	5
<i>Lespedeza procumbens</i>	trailing lespedeza	Fabaceae/Faboideae	4	5
<i>Lespedeza repens</i>	creeping lespedeza	Fabaceae/Faboideae	4	5
<i>Lespedeza violacea</i>	violet lespedeza	Fabaceae/Faboideae	6	5
<i>Lespedeza virginica</i>	slender lespedeza	Fabaceae/Faboideae	5	5
<i>Liatris pycnostachya</i> var. <i>pycnostachya</i>	button snakeroot	Asteraceae/Eupatorieae	6	1
* <i>Ligustrum obtusifolium</i>	privet	Oleaceae	0	5
<i>Lindera benzoin</i>	spice bush	Lauraceae	5	-2
<i>Liriodendron tulipifera</i>	tulip tree	Magnoliaceae	7	2
<i>Lithospermum canescens</i>	hoary puccoon	Boraginaceae	6	5
<i>Lobelia inflata</i>	Indian tobacco	Campanulaceae	3	4
<i>Lobelia spicata</i> var. <i>undetermined</i>	spiked lobelia	Campanulaceae	5	0
<i>Lonicera flava</i>	yellow honeysuckle	Caprifoliaceae	7	5
* <i>Lonicera maackii</i>	Amur honeysuckle	Caprifoliaceae	0	5
<i>Ludwigia alternifolia</i>	bushy seedbox	Onagraceae	4	-5
<i>Luzula campestris</i> var. <i>bulbosa</i>	wood rush	Juncaceae	4	3
<i>Lycopodium tristachyum</i> ( <i>Diphasiastrum</i> )	blue ground cedar	Lycopodiaceae	Fern/Ally	10 5
			Srank: S1	Grank: G5
<i>Lycopus virginicus</i>	bugle weed	Lamiaceae	5	-5
<i>Lysimachia ciliata</i>	fringed loosestrife	Primulaceae	5	-3
<i>Lysimachia quadriflora</i>	narrow-leaved loosestrife	Primulaceae	8	-5

<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Maianthemum racemosum</i> ssp. <i>racemosum</i> ( <i>Smilacina racemosa</i> )	false Solomon's seal	Liliaceae	4	3
<i>Malaxis unifolia</i>	green adder's mouth	Orchidaceae	9	0
<i>Matelea decipiens</i>	climbing milkweed	Asclepiadaceae	5	5
<i>Melica nitens</i>	three-flowered melic grass	Poaceae/Meliceae	6	5
<i>Menispermum canadense</i>	moonseed	Menispermaceae	4	0
<i>Micranthes pensylvanica</i> var. <i>forbesii</i> ( <i>Saxifraga</i> )	Forbes' saxifrage	Saxifragaceae	10	4
<i>Micranthes virginensis</i> ( <i>Saxifraga</i> )	early saxifrage	Saxifragaceae	7	1
<i>Mitchella repens</i>	partridge berry	Rubiaceae	7	2
* <i>Mollugo verticillata</i>	carpetweed	Molluginaceae	0	0
<i>Monarda bradburiana</i> ( <i>M. russeliana</i> )	bee balm	Lamiaceae	5	5
<i>Monotropa hypopitys</i> ( <i>Hypopithys americana</i> )	pinemap	Ericaceae	8	5
<i>Muhlenbergia sobolifera</i>	rock muhly	Poaceae/Eragrostideae	4	5
<i>Myosotis verna</i>	early scorpiongrass	Boraginaceae	2	1
<i>Nothoscordum bivalve</i> var. <i>bivalve</i>	false garlic	Liliaceae	4	3
<i>Nyssa sylvatica</i>	black gum	Cornaceae	5	0
<i>Oenothera linifolia</i>	sundrops	Onagraceae	4	5
<i>Onosmodium molle</i> var. <i>undetermined</i>	western false gromwell	Boraginaceae	4	5
<i>Opuntia humifusa</i> ( <i>O. compressa</i> )	eastern prickly pear	Cactaceae	4	5
<i>Orbexilum pedunculatum</i> var. <i>pedunculatum</i> ( <i>Psoralea psoraliooides</i> )	Sampson's snakeroot	Fabaceae/Faboideae	6	5
<i>Osmunda cinnamomea</i>	cinnamon fern	Osmundaceae	Fern/Ally	8 -3
<i>Osmunda claytoniana</i>	interrupted fern	Osmundaceae	Fern/Ally	7 -1
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	Osmundaceae	Fern/Ally	7 -5
<i>Ostrya virginiana</i>	eastern hop hornbeam	Betulaceae	4	4
<i>Oxalis dillenii</i> ( <i>O. fontana</i> )	yellow wood sorrel	Oxalidaceae	0	5
<i>Oxalis stricta</i> ( <i>O. fontana</i> )	yellow wood sorrel	Oxalidaceae	0	3
<i>Oxalis violacea</i>	violet wood sorrel	Oxalidaceae	5	5
<i>Packera obovata</i> ( <i>Senecio obovatus</i> )	squaw weed	Asteraceae/Senecioneae	4	4
<i>Panicum acuminatum</i> var. <i>undetermined</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	2	3
<i>Panicum anceps</i> var. <i>anceps</i> ( <i>Dichantherium</i> )	beaked panic grass	Poaceae/Paniceae	3	-3
<i>Panicum boscii</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	5	5
<i>Panicum capillare</i> ( <i>Dichantherium</i> )	common witchgrass	Poaceae/Paniceae	0	0
<i>Panicum clandestinum</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	4	-3
<i>Panicum dichotomum</i> var. <i>ramulosum</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	7	-3
<i>Panicum dichotomum</i> var. <i>undetermined</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	8	1
<i>Panicum flexile</i> ( <i>Dichantherium</i> )	wiry witchgrass	Poaceae/Paniceae	3	-4
<i>Panicum latifolium</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	7	3
<i>Panicum laxiflorum</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	6	1
<i>Panicum linearifolium</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	5	5

<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Panicum ravenelii</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	7	4
<i>Panicum sphaerocarpon</i> var. <i>isophyllum</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	6	5
<i>Panicum sphaerocarpon</i> var. <i>undetermined</i> ( <i>Dichantherium</i> )	panic grass	Poaceae/Paniceae	5	3
<i>Panicum virgatum</i> ( <i>Dichantherium</i> )	switch grass	Poaceae/Paniceae	4	-1
<i>Paronychia fastigiata</i> var. <i>fastigiata</i>	hairy nailwort	Caryophyllaceae	4	5
<i>Parthenium integrifolium</i> var. <i>undetermined</i>	American feverfew	Asteraceae/Heliantheae	6	5
<i>Parthenocissus quinquefolia</i>	Virginia creeper	Vitaceae	3	1
<i>Passiflora lutea</i> var. <i>glabriflora</i>	yellow passion flower	Passifloraceae	4	5
<i>Pedicularis canadensis</i>	common lousewort	Orobanchaceae	5	2
<i>Pellaea atropurpurea</i>	purple cliff brake	Pteridaceae	Fern/Ally	7 5
<i>Pellaea glabella</i> var. <i>undetermined</i>	smooth cliff brake	Pteridaceae	Fern/Ally	9 5
<i>Penstemon digitalis</i>	smooth beard-tongue	Plantaginaceae	3	1
<i>Penstemon pallidus</i>	pale beard-tongue	Plantaginaceae	5	5
<i>Persicaria hydropiper</i> ( <i>Polygonum</i> )	water pepper	Polygonaceae	3	-5
<i>Persicaria hydropiperoides</i> ( <i>Polygonum</i> )	wild water pepper	Polygonaceae	4	-5
<i>Persicaria pensylvanica</i> ( <i>Polygonum pensylvanicum</i> var. <i>laevigatum</i> )	pinkweed	Polygonaceae	1	-4
<i>Phegopteris hexagonoptera</i> ( <i>Thelypteris</i> )	broad beech fern	Thelypteridaceae	Fern/Ally	8 1
<i>Phemeranthus calycinus</i> ( <i>Talinum</i> )	fame flower	Portulacaceae	8	5
<i>Phlox divaricata</i> ( <i>P. divaricata</i> ssp. <i>laphamii</i> )	blue phlox	Polemoniaceae	4	3
<i>Phlox pilosa</i> var. <i>undetermined</i>	prairie phlox	Polemoniaceae	6	1
<i>Phryma leptostachya</i> var. <i>leptostachya</i>	lopseed	Phrymaceae	2	5
<i>Pilea pumila</i>	clearweed	Urticaceae	4	-3
<i>Pinus echinata</i>	short-leaf pine	Pinaceae	5	5
* <i>Pinus virginiana</i>	scrub pine	Pinaceae	0	5
<i>Plantago aristata</i>	bracted plantain	Plantaginaceae	1	5
* <i>Plantago lanceolata</i>	English plantain	Plantaginaceae	0	0
<i>Plantago rugelii</i>	Rugel's Plantain	Plantaginaceae	0	0
<i>Plantago virginica</i>	hoary plantain	Plantaginaceae	1	4
<i>Platanus occidentalis</i>	sycamore	Platanaceae	3	-3
* <i>Poa compressa</i>	Canada bluegrass	Poaceae/Poaeae	0	2
<i>Podophyllum peltatum</i>	May apple	Berberidaceae	4	3
<i>Polygala sanguinea</i>	field milkwort	Polygalaceae	4	3
<i>Polygala verticillata</i> var. <i>undetermined</i>	whorled milkwort	Polygalaceae	4	5
<i>Polygonatum biflorum</i> var. <i>commutatum</i>	Solomon's Seal	Liliaceae	4	3
<i>Polygonum tenue</i>	slender knotweed	Polygonaceae	6	5
<i>Polypodium polypodioides</i> var. <i>michauxianum</i>	resurrection fern	Polypodiaceae	Fern/Ally	8 5
<i>Polypodium virginianum</i>	common polypody	Polypodiaceae	Fern/Ally	9 5
<i>Polystichum acrostichoides</i>	Christmas fern	Dryopteridaceae	Fern/Ally	5 5



<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Potentilla simplex</i>	common cinquefoil	Rosaceae	3	4
<i>Prenanthes alba</i>	white lettuce	Asteraceae/Cichorieae	9	3
<i>Prenanthes altissima</i> ( <i>P. altissima</i> var. <i>cinnamomea</i> )	rattlesnake root	Asteraceae/Cichorieae	5	3
<i>Primula meadia</i> ( <i>Dodecatheon</i> )	common shooting star	Primulaceae	7	3
<i>Prunella vulgaris</i> var. <i>lanceolata</i>	self-heal	Lamiaceae	1	0
<i>Prunella vulgaris</i> var. <i>undetermined</i>	self-heal	Lamiaceae	0	0
<i>Pseudognaphalium obtusifolium</i> ( <i>Gnaphalium</i> )	sweet everlasting	Asteraceae/Gnaphalieae	2	5
<i>Ptelea trifoliata</i> ssp. <i>trifoliata</i>	common hop tree	Rutaceae	5	2
<i>Pteridium aquilinum</i> var. <i>undetermined</i>	bracken	Dennstaedtiaceae	Fern/Ally	4 3
<i>Pycnanthemum albescens</i>	white mountain mint	Lamiaceae	7	5
<i>Pycnanthemum tenuifolium</i>	slender mountain mint	Lamiaceae	4	-1
<i>Quercus alba</i>	white oak	Fagaceae	4	3
<i>Quercus marilandica</i> var. <i>marilandica</i>	blackjack oak	Fagaceae	4	5
<i>Quercus muehlenbergii</i>	chinkapin oak	Fagaceae	5	3
<i>Quercus rubra</i>	northern red oak	Fagaceae	5	3
<i>Quercus stellata</i>	post oak	Fagaceae	4	4
<i>Quercus velutina</i>	black oak	Fagaceae	4	5
<i>Ranunculus abortivus</i>	small-flowered crowfoot	Ranunculaceae	1	-2
<i>Ranunculus fascicularis</i>	early buttercup	Ranunculaceae	5	3
<i>Ranunculus harveyi</i> var. <i>harveyi</i>	Harvey's buttercup	Ranunculaceae	7	3
<i>Ranunculus hispidus</i> var. <i>undetermined</i>	bristly buttercup	Ranunculaceae	6	0
<i>Ranunculus recurvatus</i> var. <i>recurvatus</i>	hooked crowfoot	Ranunculaceae	5	-3
<i>Rhamnus caroliniana</i> ( <i>Frangula</i> )	Carolina buckthorn	Rhamnaceae	6	1
<i>Rhododendron prinophyllum</i> ( <i>R. roseum</i> , <i>Azalea prinophylla</i> )	wild honeysuckle	Ericaceae	8	5
<i>Rhus aromatica</i> var. <i>undetermined</i> ( <i>R. canadensis</i> )	fragrant sumac	Anacardiaceae	4	5
<i>Rhus copallinum</i> ( <i>Schmaltzia copallina</i> )	dwarf sumac	Anacardiaceae	2	5
<i>Ribes missouriense</i>	Missouri gooseberry	Grossulariaceae	3	5
<i>Rosa carolina</i> var. <i>undetermined</i>	pasture rose	Rosaceae	4	4
* <i>Rosa multiflora</i>	multiflora rose	Rosaceae	0	3
<i>Rubus flagellaris</i>	northern dewberry	Rosaceae	3	4
<i>Rubus invisus</i>	dewberry	Rosaceae	3	0
<i>Rubus ostryifolius</i>	highbush blackberry	Rosaceae	3	0
<i>Rudbeckia hirta</i> var. <i>pulcherrima</i>	black-eyed Susan	Asteraceae/Heliantheae	1	3
<i>Rudbeckia missouriensis</i>	Missouri coneflower	Asteraceae/Heliantheae	6	4
<i>Ruellia humilis</i>	wild petunia	Acanthaceae	3	4
* <i>Rumex acetosella</i>	sheep sorrel	Polygonaceae	0	0
<i>Sagina decumbens</i> ssp. <i>decumbens</i>	trailing pearlwort	Caryophyllaceae	2	0
<i>Sagittaria calycina</i> var. <i>calycina</i> ( <i>S. montevidensis</i> )	Mississippi arrowhead	Alismataceae	4	-5
<i>Sanguinaria canadensis</i>	bloodroot	Papaveraceae	5	4

<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Sanicula canadensis</i>	black snakeroot	Apiaceae	3	2
<i>Sassafras albidum</i>	sassafras	Lauraceae	2	3
<i>Schizachyrium scoparium</i> var. <i>scoparium</i> ( <i>Andropogon scoparius</i> )	little bluestem	Poaceae/Andropogoneae	5	4
<i>Scleria triglomerata</i>	tall nut grass	Cyperaceae	6	0
<i>Scutellaria incana</i>	downy skullcap	Lamiaceae	5	5
<i>Scutellaria ovata</i> var. <i>undetermined</i>	heart-leaved skullcap	Lamiaceae	5	3
<i>Scutellaria parvula</i> var. <i>undetermined</i>	small skullcap	Lamiaceae	4	3
<i>Selaginella rupestris</i>	rock spikemoss	Selaginellaceae	Fern/Ally	8 5
<i>Senna marilandica</i> ( <i>Cassia</i> )	southern wild senna	Fabaceae/Caesalpinioideae	4	-3
<i>Sideroxylon lanuginosum</i> ssp. <i>oblongifolium</i> ( <i>Bumelia</i> )	gum bumelia	Sapotaceae	5	5
<i>Silene stellata</i>	starry campion	Caryophyllaceae	5	5
<i>Silene virginica</i>	fire pink	Caryophyllaceae	7	5
<i>Silphium integrifolium</i> var. <i>undetermined</i>	rosinweed	Asteraceae/Heliantheae	4	5
<i>Silphium terebinthinaceum</i>	prairie dock	Asteraceae/Heliantheae	5	1
<i>Smilax glauca</i>	greenbrier	Smilacaceae	4	3
<i>Smilax hispida</i>	bristly greenbrier	Smilacaceae	3	0
<i>Solidago altissima</i> var. <i>undetermined</i>	tall goldenrod	Asteraceae/Astereae	1	3
<i>Solidago buckleyi</i>	goldenrod	Asteraceae/Astereae	8	5
<i>Solidago hispida</i> var. <i>hispida</i>	hairy goldenrod	Asteraceae/Astereae	6	5
<i>Solidago juncea</i>	early goldenrod	Asteraceae/Astereae	4	5
<i>Solidago nemoralis</i> var. <i>undetermined</i>	old-field goldenrod	Asteraceae/Astereae	2	5
<i>Solidago petiolaris</i>	downy goldenrod	Asteraceae/Astereae	8	5
<i>Solidago ulmifolia</i> var. <i>undetermined</i>	elm-leaved goldenrod	Asteraceae/Astereae	4	5
<i>Sphenopholis obtusata</i> var. <i>undetermined</i>	wedge grass	Poaceae/Aveneae	5	0
<i>Spiranthes tuberosa</i>	little ladies' tresses	Orchidaceae	6	5
<i>Stylosanthes biflora</i>	pencil flower	Fabaceae/Faboideae	5	5
<i>Symphoricarpos orbiculatus</i>	coral berry	Caprifoliaceae	1	3
<i>Symphyotrichum anomalum</i> ( <i>Aster anomalus</i> )	aster	Asteraceae/Astereae	6	5
<i>Symphyotrichum lateriflorum</i> ( <i>Aster lateriflorus</i> )	white woodland aster	Asteraceae/Astereae	3	-2
<i>Symphyotrichum parviceps</i> ( <i>Aster</i> )	small white aster	Asteraceae/Astereae	4	5
<i>Symphyotrichum patens</i> var. <i>undetermined</i> ( <i>Aster patens</i> )	spreading aster	Asteraceae/Astereae	5	5
<i>Symphyotrichum urophyllum</i> ( <i>Aster urophyllum</i> , <i>A. sagittifolius</i> )	aster	Asteraceae/Astereae	4	5
<i>Taenidia integerrima</i>	yellow pimpernel	Apiaceae	6	5
<i>Tephrosia virginiana</i>	goat's rue	Fabaceae/Faboideae	5	5
<i>Thalictrum thalictroides</i> ( <i>Anemonella</i> )	rue-anemone	Ranunculaceae	5	5
* <i>Thlaspi arvense</i>	field penny cress	Brassicaceae	0	5
<i>Toxicodendron radicans</i> var. <i>undetermined</i> ( <i>Rhus</i> )	poison ivy	Anacardiaceae	1	-1

<b>Species Name (Synonym)</b>	<b>Common Name</b>	<b>Family</b>	<b>COFC</b>	<b>COFW</b>
<i>Tradescantia virginiana</i>	Virginia spiderwort	Commelinaceae	6	5
<i>Triadenum walteri (Hypericum)</i>	marsh St. John's-wort	Clusiaceae	9	-5
<i>Trichostema brachiatum (Isanthus)</i>	false pennyroyal	Lamiaceae	4	5
<i>Trichostema dichotomum</i>	blue curls	Lamiaceae	6	5
<i>Tridens flavus var. undetermined</i>	purpletop	Poaceae/Eragrostideae	1	5
* <i>Trifolium pratense</i>	red clover	Fabaceae/Faboideae	0	2
<i>Triodanis perfoliata (Specularia)</i>	clasping Venus' looking glass	Campanulaceae	2	0
<i>Triphora trianthophoros</i>	three bird orchid	Orchidaceae	9	4
<i>Ulmus alata</i>	winged elm	Ulmaceae	4	3
<i>Uvularia grandiflora</i>	large bellwort	Liliaceae	6	5
<i>Vaccinium arboreum</i>	farkleberry	Ericaceae	6	3
<i>Vaccinium pallidum (V. vacillans)</i>	lowbush blueberry	Ericaceae	4	5
<i>Vaccinium stamineum</i>	deerberry	Ericaceae	6	4
<i>Veratrum woodii (Melanthium)</i>	false hellebore	Liliaceae	8	5
* <i>Verbascum thapsus</i>	mullein	Scrophulariaceae	0	5
<i>Vernonia arkansana</i>	ironweed	Asteraceae/Vernonieae	7	0
<i>Vernonia baldwinii var. undetermined</i>	western ironweed	Asteraceae/Vernonieae	2	5
* <i>Veronica arvensis</i>	corn speedwell	Plantaginaceae	0	3
<i>Viburnum rufidulum</i>	southern blackhaw	Caprifoliaceae	4	4
<i>Viola bicolor (V. rafinesquii)</i>	Johnny-jump-up	Violaceae	0	3
<i>Viola pallens (V. macloskeyi ssp. pallens)</i>	smooth white violet	Violaceae	10	-5
			Srank: S2	Grank: G5T5
<i>Viola palmata (V. triloba)</i>	cleft violet	Violaceae	5	5
<i>Viola pedata</i>	bird's foot violet	Violaceae	5	5
<i>Viola sororia (V. papilionacea)</i>	common violet	Violaceae	2	1
<i>Vitis riparia</i>	riverbank grape	Vitaceae	4	-2
<i>Vulpia octoflora var. undetermined (Festuca)</i>	sixweeks fescue	Poaceae/Poeae	3	4
<i>Woodsia obtusa var. undetermined</i>	blunt-lobed woodsia	Dryopteridaceae	5	5
<i>Zizia aurea</i>	common golden Alexanders	Apiaceae	5	-1

**Vascular Plants --- Total: 399 Introduced: 23 with COFC: 399 Natives Avg. COFC: 4.79 Floristic Quality Index: 92.83 Average COFW: 2.55**  
**Mosses: 0 Liverworts: 0 Hornworts: 0 Lichens: 0 Fungi: 0 Ferns and Allies: 28**