

**THE OZARKS AND TALLGRASS PRAIRIES:
A NATURAL HISTORY ODYSSEY**

MAY 5-14, 2006

Guide: Steve Hilty

Few of our tours offer such a wide range of activities as this one—birds, lots of botany, traditional Ozark crafts and music, some Ozark geology, a spectacular cave trip, several lovely springs, and a day on the tallgrass prairies. Although this forested limestone plateau, now deeply dissected into a series of scenic valleys and honeycombed with caves and springs, covers half of Missouri and Arkansas, it remains to this day poorly known to most North Americans, and even to many who live nearby.

On our first morning, on the prairie, we watched three male Greater Prairie-Chickens displaying, and listened to early morning sounds of the prairie—chattering songs of Dickcissels, “hick-upping” of Henslow’s Sparrows, and melodies of Eastern Meadowlarks. Nearby bushy areas sheltered Bobwhites, Eastern Kingbirds, Brown Thrashers, Bell’s Vireos, Common Yellowthroats, Yellow-breasted Chats, Baltimore and Orchard orioles, Indigo Buntings, Field Sparrows, and even a Prothonotary Warbler. A spring day on a tall prairie is paradise for botanists too, although our day was beset with unremitting rain early on which made it difficult to spend much time enjoying the flowering plants. From our vehicle we could see the undulating sea of prairie grasses which were dotted with *Camassia*, *Castelleja*, *Hypoxis*, *Baptisia*, *Oxalis*, *Viola*, *Polytaenia*, *Dodecatheon*, *Phlox*, *Verbena*, *Valerianella*, and *Tradescantia*; despite the rain, just seeing the area was a poignant reminder of what was once one of North America’s most distinctive biomes.

Despite experiencing rain most of the first day and again briefly on two other days, we wound up with one of the best bird lists in my 16 years of leading this trip. Highlights included Northern Harrier; booming Greater Prairie-Chickens; two Greater Roadrunners; Fish Crows; Sedge Wren; three *Catharus* thrushes; Philadelphia Vireo; and 27 species of wood-warblers including all 18 breeding species (with exceptional studies of Cerulean, Hooded, Worm-eating, Kentucky, Prairie, Blue-winged, and Swainson’s, etc.); two Harris’s Sparrows; a lovely male Painted Bunting; and large flocks of migrating Cliff and Bank swallows, Rose-breasted Grosbeaks, and Baltimore Orioles.

Our plant list also was one of the longest ever with Mountain Azaleas and Umbrella Magnolias still flowering, spectacular Snowy Penstemon (*Penstemon cobaea*), Lily Twayblade Orchid, and a long list of lesser flowering plants in river bottom floodplains, flint rock ridges, limestone ledges, and hills, hollers and trails in-between. Memorable were such oddities as Rattan Vine, two species of climbing milkweeds, Hop-Tree (Wafer-Ash), Smoke Tree, Leatherwood, Wild Quinine, Wild Yams, Wild Petunias, and Horse Gentian.

We enjoyed good water levels and perfect cool weather for our canoe trip, and listened to a symphony of bird songs throughout the canoe journey. *Coreopsis* decorated limestone ledges beneath high-walled bluffs, and Wild Bill’s fiberglass canoes allowed us to glide smoothly over deep bass

deep bass pools and down quick-running riffles. Along the way we passed dozens of Map Turtles basking on logs, flushed grumpy herons, enjoyed the streamside antics of waterthrushes and, for a few hours, the rest of the world seemed not to exist.

The Blanchard and Mountain View areas offer something for everyone—caves, springs, warblers, flowers, traditional crafts and music, and lots of food. We finished our trip with a stop at Mammoth Springs, a morning of warblers (19 species in an hour-and-a-half), and visits to three springs—one boiling up with great force, one issuing from a cliff, and one as silky-smooth and blue as a coral sea (but this year its water was turbid because of heavy rains). These springs represent some of the loveliest natural areas in the Ozarks and provided a fitting conclusion to our journey.

THE ROUTE:

- May 5. Arrival in Springfield.
- May 6. Prairie State Park; rain and afternoon drive to Eureka Springs.
- May 7. Roaring River State Park in morning; picnic lunch and the White River Bald (Ruth Henning State Park) before entering Branson, Missouri.
- May 8. A.M. at Mincy Wildlife Area and Bee Creek and drive to Harrison, Arkansas. Afternoon on the Schemerhorn trail to Hide-out-Hollow southeast of Compton, Arkansas.
- May 9. Upper Buffalo River country incl. Lost Valley and Alum Cove State Park.
- May 10. Buffalo River float trip from Dillard's Ferry (highway 14) to Rush Landing (old Zinc Mining town). Late afternoon drive to Mt. View. Folk music show tonight.
- May 11. Morning birding and botanizing in Blanchard campground; visit to springs and tour cave. Afternoon at folk center.
- May 12. Breakfast at Joshua's, morning at Gunner Pool Trail in Ozark National Forest, and afternoon drive to Mammoth Springs. Evening and night at Mammoth Springs, Missouri.
- May 13. A day of springs—Greer Spring, Falling Spring and Blue Spring. Early morning birding along the Eleven Point River; late afternoon drive back to Springfield Missouri.
- May 14. Departure for home.

ABOUT THE LIST: The lists include birds, mammals and most plants mentioned somewhere.

LIST OF BREEDING & MIGRANT BIRDS SEEN: Species only heard are marked with a double asterisk (**). Boldface indicates uncommon, local, or of special interest.

Great Blue Heron, almost daily
Green Heron, Prairie State Park; Roaring River; Buffalo River; etc
Canada Goose, first day; last two days
Wood Duck, a few FF w/babies at Mammoth Springs (4+ adult FF; 10-15 babies; 1 adult M)
Turkey Vulture, daily
Black Vulture, one or two near Mincy (scarce this far north)
Northern Harrier, 1F over Prairie State Park
Red-shouldered Hawk, hd on at least 4 days in Ozarks.
Broad-winged Hawk, hd on 3 days and seen on 2 other days
Red-tailed Hawk, 1 near Prairie State Park
Northern Bobwhite, Prairie State Park
Greater Prairie Chicken, Prairie State Park (3 MM booming)
Wild Turkey, seen on 2nd and 3rd day
Killdeer, hd on 2nd day; seen on 3rd day
Spotted Sandpiper, 6-8 along Buffalo River
Rock Dove, feral birds in towns
Mourning Dove, daily
Yellow-billed Cuckoo, seen at Eleven Pt. River; hd Roaring River; Bee Ck etc
Greater Roadrunner, 1 at Ruth Henning State Park; another outside Harrison
Barred Owl, pair seen incredibly well at Roaring River; called spontaneously in daytime and were seen repeatedly

Common Nighthawk, 2 over Radisson parking lot in Branson in early a.m.
 Chimney Swift, daily
 Ruby-throated Hummingbird, almost daily
 Belted Kingfisher, a few along Buffalo River; Eleven Pt. River
Red-headed Woodpecker, two in Mammoth Springs Park
 Red-bellied Woodpecker, hd. or seen in almost all areas
 Downy Woodpecker, seen along Eleven Pt. River
 Hairy Woodpecker, hd often; pr. seen at Eleven Pt. River
 Pileated Woodpecker, almost daily
Olive-sided Flycatcher, 1 along Buffalo River; 1 along Eleven Point River (migrants)
 Eastern Wood Pewee, hd. and seen in various places
Acadian Flycatcher, seen well at Lost Valley; heard in other areas
 Least Flycatcher, [one prob. this at Blanchard Springs campgd.]
 Eastern Phoebe, daily, near creeks and rocky areas; very common.
 Great Crested Flycatcher, heard daily; seen at Roaring River
 Eastern Kingbird, daily
Scissor-tailed Flycatcher, 1 at Diamond Grove Prairie (SH only); 1 near Harrison; pr at Baker Prairie in Harrison (SH only); one
 10 mi west of Ash Flat Arkansas
 Red-eyed Vireo, daily; commonest bird in Ozarks
 Warbling Vireo, seen at Mammoth Springs; hd at Eleven Point River
Philadelphia Vireo, 1 seen nicely at Eleven Point River (scarce here)
 White-eyed Vireo, hd. or seen almost daily
Bell's Vireo, seen at Prairie State Park; hd at Baker Prairie (SH only)
 Yellow-throated Vireo, hd every day from Roaring river onward; seen at Blanchard Springs
 Blue Jay, daily
 American Crow, daily
Fish Crow, Mammoth Springs (ca. 6)
 Purple Martin, two over hotel at Mammoth Springs
 Northern Rough-winged Swallow, daily
Cliff Swallow, many seen at big bridges throughout the trip; 1200+ in two big flocks south of Alton Missouri on May 13
 (migrating flocks; birds resting on electric wires)
 Bank Swallow, at least 50+ over Mammoth Springs Lake (migrating group)
 Barn Swallow, daily
 Tufted Titmouse, all areas
 Carolina Chickadee, all areas
 White-breasted Nuthatch, mainly Mt. View and Blanchard
 Carolina Wren, hd all areas; seen at Roaring River; Gunner Trail (w/nest); Greer (family of 4)
Sedge Wren, Prairie State Park (2 hd; 1 seen beautifully)
 Blue-gray Gnatcatcher, almost all areas
 Eastern Bluebird, pairs almost daily
 American Robin, daily
Wood Thrush, hd. throughout forested Ozarks; seen at Roaring River; Lost Valley & Gunner
Veery, Roaring River (1 seen by SH and one or two others; scarce migrant)
 Swainson's Thrush, several on first 4 days; few thereafter
Gray-cheeked Thrush, 2 seen at Roaring River; another at Bee Creek (scarce migrant)
 Gray Catbird, Prairie State Park; Roaring River; Buffalo; Mammoth (both days and pair building nest in forest edge behind hotel at
 Mammoth)
 Northern Mockingbird, seen almost every day
 Brown Thrasher, Prairie State Park, Mincy and Mammoth (more a prairie bird than catbird which occurs more commonly
 throughout Ozarks)
 European Starling, urban areas
 Cedar Waxwing, Hotel in Harrison; Mammoth and hotel at Mammoth (25+ where eating mulberries)
 Northern Parula, hd. or seen almost daily; F at Roaring River gathering nest material; another F at Eleven Point River gathering
 nest material (downy plant material)
 Orange-crowned Warbler, 1 at Roaring River (seen mainly by SH)
 Tennessee Warbler, *Vermivora peregrina*, Roaring River (6-8); Bee Ck (6+); Lost Valley (hd); Buffalo (a few hd); Mammoth and
 Eleven Point (4-6 hd)
Blue-winged Warbler, seen well at Roaring River State Park; hd at Eleven Point; 1 seen at Blue Springs
 Nashville Warbler, one at Mincy (seen by SH)

Yellow Warbler, Eleven Point River (1M seen); hd at Falling Springs and Blue Springs

Chestnut-sided Warbler, Mincy (1 seen); Alum Cove (2 hd); Blanchard (1 hd); Gunner (2-3 hd); Eleven Point River (15+ hd/seen); Green (3-4 hd); Blue Springs (2-3 hd)

Magnolia Warbler, Roaring River (1M seen)

Cerulean Warbler, Pair seen at Ponca/Buffalo River junction; Buffalo River (3 hd); Rush (1 hd); Blue Springs (2 hd near parking lot); none at Eleven Point River

Prairie Warbler, Male at Ruth Henning (White River Bald); hd at Mincy

Pine Warbler, Hd at Eureka Springs; seen at Blanchard and Gunner and Greer

Blackpoll Warbler, Greer (3 hd)

Yellow-throated Warbler, heard daily; seen best at Blanchard and Gunner

Worm-eating Warbler, seen very close at Lost Valley; also seen well at Greer Springs

Prothonotary Warbler, *Protonotaria citrea*, Prairie State Park (1)

Black-and-white Warbler, almost daily (M gathering nest material from truck of ash tree by John Brown's cabin near Falling Springs Falls; commoner in dry slopes)

American Redstart, another breeder seen or hd. almost daily from Bee Creek; Lost Valley and Blanchard and Eleven Point area and Blue Springs

Swainson's Warbler, one seen beautifully by all at Eleven Point River (scarce in Missouri); then total of 3 birds heard singing at Eleven Point (1 on west side of road; 2 on east side) and another heard very close at Blue Springs (close to parking lot!) Record number !!

Ovenbird, hd. daily; seen best at Lost Valley but also in trail at Greer where it picked up a large leaf (nest building?)

Louisiana Waterthrush, seen or heard daily (especially common along Buffalo River)

Kentucky Warbler, another warbler heard almost daily; seen particularly well at Roaring River; also near Blanchard Springs (beside the narrow highway)

Common Yellowthroat, heard and/or seen in most areas; especially Prairie State Park; Buffalo River float trip; Eleven Point River etc.

Wilson's Warbler, Gunner Pool area (1F and 1M)

Hooded Warbler, hd. daily in Ozarks; seen several times at Lost Valley

Yellow-breasted Chat, seen well at Prairie State Park; Roaring River (in scope) and Bee Creek (including display flight)

Summer Tanager, seen at Prairie State Park; Roaring River and Bee Creek; and hd or seen in virtually all other areas

Scarlet Tanager, hd. most days; seen at Roaring River and Lost Valley and hd all other areas; common breeder in oak-hickory forest on slopes and ridges.

Northern Cardinal, all areas

Rose-breasted Grosbeak, unusually numerous this year with 5+ at Roaring River; 6+ at Blanchard Campgd; 1 or 2 at Gunner and up to 20 on last day at Mammoth and Eleven Point River (up to 5FF and 2-3MM at once eating mulberries in tree by motel at Mammoth Springs)

Blue Grosbeak, pair seen at Mincy glade; glimpsed or seen flying across roads in several others including 1M across Buffalo River on float trip

Indigo Bunting, daily in numbers (one of most numerous birds in Ozarks)

Painted Bunting, gorgeous male close at Ruth Henning State Park near Branson (early arrival)

Dickcissel, many (abundant) in Prairie State Park; also Baker Prairie (by SH only)

Eastern Towhee, Prairie State Park (1F); Mammoth Springs and motel area (hd and seen)

Field Sparrow, seen at Mincy Natural Area; hd. Prairie State Park

Chipping Sparrow, scattered individuals on several days in Ozarks

****Grasshopper Sparrow**, Prairie State Park (hd but it was raining and we could not see it)

****Henslow's Sparrow**, Prairie State Park (another sp. heard at beginning of rain and we were unable to locate it before the rain cut short our efforts)

Savanna Sparrow, 5-7 in migratory group at Prairie State Park (late migrants)

Harris' Sparrow, 2 at Prairie State Park (late migrants)

White-crowned Sparrow, 1 at Prairie State Park; another at Falling Springs Falls (late migrant)

Lincoln's Sparrow, 4-5 at Prairie State Park

Eastern Meadowlark, daily

Brown-headed Cowbird, daily

Common Grackle, daily

Red-winged Blackbird, daily

Baltimore Oriole, hd or seen daily with as many as 12+ at Roaring River and another 12+ or more at Bee Creek and 2+ hd at Eleven Point River

Orchard Oriole, 3+ at Prairie State Park; 1M seen at Eleven Pt. River

American Goldfinch, almost daily

House Sparrow, all towns

LIST OF MAMMALS:

Big Brown Bat, 1 roosting in crevice at Blanchard Information Center
Armadillo (many road kills; won't they ever learn)
Eastern Cottontail, Prairie State Park; Blanchard Campground
Muskrat, 1 in pond at Mammoth Springs, Arkansas (animal was carrying a mouth full of cut stems of a species of hibiscus (Malvaceae) growing around the springs
Gray Squirrel, Mountain View and Mammoth and last day
Fox Squirrel, Prairie State Park; Diamond Grove Prairie; Eureka; Roaring River; Bee and Lost Valley
White-tailed Deer, Prairie State Park (6+); Lost Valley
American Elk, Buffalo River Valley near Ponca/Lost Valley (in open fescue field); 6 animals including 2 with antler buds
Bison, Introduced to Prairie State Park; ca. a hundred (some very close and scratching on sign posts and even the front door and railing of the visitor center

LIST OF REPTILES AND AMPHIBIANS:

Blanchard's Cricket Frog, heard along Buffalo River
Bullfrog, heard along Buffalo River
Common Map Turtle, this is the common turtle seen basking on the Buffalo River
Three-toed Box Turtle (Tortoise), *Terrapene carolina*, seen in several places along road
Northern Fence Lizard, *Sceloporus undulatus*, various campgrounds

BUTTERFLIES AND MOTHS: *Only a few commoner ones noted and generally not many butterflies this spring because of rain and overcast weather and windy days*

Swallowtails (Papilionidae)

Giant Swallowtail, seen in a couple areas
Easter Tiger Swallowtail, common
Spicebush Swallowtail, common

Whites and Sulphurs (Pieridae)

Orange Sulphur

Gossamer-wing butterflies (Lycaenidae)

Spring Azure several noted the last day

Brushfoots (Nymphalidae)

Red-spotted Purple

LIST OF TREES, SHRUBS AND VINES IDENTIFIED (probably not complete)

Prairie State Park; Gunner=Gunner Pool Trail on Sylamore Creek, Arkansas; Branson=White River Bald (Ruth and Paul Henning State Park, Branson, Missouri); Hide-Out-Hollow=Buffalo River drainage south of Harrison; Bee Creek=conservation area southeast of Branson

Ash Family	<i>Olaceae</i>	
White Ash	<i>Fraxinus americana</i>	Mincy (identified via U-shaped leaf scar; common sp)
Green Ash	<i>Fraxinus pennsylvanica</i>	Blanchard Springs (1 small tree identified by flat leaf scar; scarce in Ozarks)
Blue Ash	<i>Fraxinus quadrangulata</i>	Gunner Pool (this sp has squarish leaf stems)
Bean Family	<i>Fabaceae (Legumosidae)</i>	
Redbud	<i>Cercis canadensis</i>	all areas
Yellow Wood	<i>Cladrastis kentukea</i>	Lost Valley; Blanchard etc
Honey Locust	<i>Gleditsia triacanthos</i>	Prairie State Park and through Ozarks
Bristly-Locust (Rose Acacia)	<i>Robinia hispida</i>	Eleven Pt. River roadside
Black Locust	<i>Robinia pseudo-acacia</i>	Flowering at Prairie State Park (strip pits)
Indigo Bush	<i>Amorpha fruticosa</i>	Prairie State Park (shrub flowering in ditch)
Beech Family	<i>Fagaceae</i>	
American Beech	<i>Fagus grandifolia</i>	Lost Valley etc
Common Alder, Tag A	<i>Alnus serrulata</i>	river banks
Ozark Chinkapin	<i>Castanea ozarkensis</i>	Hide-out-Hollow; Gunner

White Oak	<i>Quercus alba</i>	all areas
Bur Oak	<i>Quercus macrocarpa</i>	Bee Creek; a couple areas later in tour
Post Oak	<i>Quercus stellata</i>	White River Bald; Hide-out-Hollow etc
Chinkapin Oak	<i>Quercus meublenbergii</i>	Hide-out-Hollow
Northern Red Oak	<i>Quercus rubra</i>	all areas
Pin Oak	<i>Quercus palustris</i>	Prairie State Park
Black Oak	<i>Quercus velutina</i>	Hide-out-Hollow; Eleven Pt. River etc
Southern Red Oak	<i>Quercus falcata</i>	widespread in Ozarks; pale droopy leaves
Blackjack Oak	<i>Quercus marilandica</i>	Mincy; Hide-out-Hollow
Willow Oak	<i>Quercus phellos</i>	Blanchard Cave parking lot
Birch Family	<i>Betulaceae</i>	
River Birch	<i>Betula nigra</i>	Buffalo River; Sylamore Creek etc
Ironwood (Musclewood)	<i>Carpinus carolinana</i>	Lost Valley; Blanchard etc.
Bladdernut Family	<i>Staphyleaceae</i>	
Bladdernut	<i>Staphylea trifolia</i>	Bee Creek; Lost Valley; Blanchard etc
Buckeye Family	<i>Hippocastanaceae</i>	
Ohio Buckeye	<i>Aesculus glabra</i>	Roaring River, etc.
Buckthorn Family	<i>Rhamnaceae</i>	
Carolina Buckthorn	<i>Rhamnus caroliniana</i>	Common understory; Greer
Supple-Jack, Rattan Vine	<i>Berchemia scandens</i>	Gunner Pool trail; Blue Springs Trail
Cashew Family	<i>Anacardiaceae</i>	
American Smoke Tree	<i>Cotinus obovatus</i>	Ruth Henning State Park; Buffalo River bluffs (flowering); Gunner
Fragrant Sumac	<i>Rhus aromatica</i>	White River Bald etc
Smooth Sumac	<i>Rhus glabra</i>	everywhere
Winged Sumac	<i>Rhus copallina</i>	Hide-out-Hollow trail
Poison Ivy	<i>Toxicodendron radicans</i>	everywhere (abundant)
Cedar Family	<i>Cupressaceae</i>	
Eastern Red Cedar	<i>Juniperus virginiana</i>	Everywhere
Ashe Juniper	<i>Juniperus ashei</i>	Ruth Henning State Park; Gunner Pool trail bluffs
Citrus Family	<i>Rutaceae</i>	
Hop Tree, Wafer-Ash	<i>Ptelea trifoliata</i>	Blue Springs (flowering on bluff over springs)
Mahogany Family	<i>Meliaceae</i>	
Pawpaw	<i>Asimina triloba</i>	Roaring River etc; many areas
Dogwood Family	<i>Cornaceae</i>	
Rough-leaved Dogwood	<i>Cornus drummondii</i>	PSP and edges
Flowering Dogwood	<i>Cornus florida</i>	Ozarks (some flowering)
Ebony Family		
Persimmon	<i>Diospyros virginiana</i>	Prairie State Park; Blanchard Springs
Elm Family	<i>Ulmaceae</i>	
Northern Hackberry	<i>Celtis occidentalis</i>	almost all areas
Dwarf Hackberry	<i>Celtis tenuifolia</i>	Understory at Lost Valley; Blanchard Springs; Gunner etc (identification not completely certain)

Winged Elm	<i>Ulmus alata</i>	Ruth Henning State Park; Lost Valley (by bridge); Blanchard Springs; etc
Rock Elm	<i>Ulmus thomasii</i>	Mincy; Gunner (like previous but no wings)
Slippery Elm	<i>Ulmus rubra</i>	all areas
American Elm	<i>Ulmus americana</i>	Blanchard Campgd (1 mature tree near low water bridge)
Figwort Family	Scrophulariaceae	
Empress Tree, Paulown	<i>Paulownia tomentosa</i>	Eureka Springs; Blanchard Visitor Center
Grape Family	Vitaceae	
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	everywhere
Pepper Vine	<i>Ampelopsis arborea</i>	Gunner Pool trail (rock bluff by river)
Winter Grape	<i>Vitis cinerea</i>	Common grape vine in Ozarks
Sand Grape	<i>Vitis rupestris</i>	Some in gravel near edge of Bee Creek (has more sawtoothed leaf than previous sp)
Ginseng Family	Araliaceae	
Hercules' Club	<i>Aralia spinosa</i>	Road down to Blanchard Springs (large compound leaf)
Heath Family	Ericaceae	
Mountain Azalea	<i>Rhodendron prinophyllum</i>	Hide-out-Hollow trail (a few still in flower; pink flowers)
Deerberry (High bush Huckleberry)	<i>Vaccinium (sp.?) stamineum</i>	Hide out Hollow; Greer etc
Low-bush Huckleberry	<i>Vaccinium pallidum</i>	common in understory; esp Hide-out-Hollow area
Farkleberry (Tree Sparkleberry)	<i>Vaccinium arboreum</i>	Alum Cove; also noticed in many other areas including Gunner and Greer
Ginseng Family	Araliaceae	
Hercules' Club	<i>Aralia spinosa</i>	Blanchard etc.
Holly Family	Aquifoliaceae	
American Holly	<i>Ilex opaca</i>	Blanchard Cave visitor center (by front door)
Honeysuckle Family	Caprifoliaceae	
Buckbrush (Coral Berry)	<i>Symphoricarpos orbiculatus</i>	common understory shrub verywhere; pointed out at Lost Valley
Japanese Honeysuckle	<i>Lonicera japonica</i>	flowering everywhere
Trumpet Honeysuckle	<i>Lonicera sempervirens</i>	widespread pest
Yellow Honeysuckle	<i>Lonicera flava</i>	Hide-out-Hollow; Lost Valley; Greer etc
Common Elder-Berry	<i>Sambucus canadensis</i>	roadsides etc.; streamside at Gunner
Southern Arrow-Wood	<i>Viburnum dentatum</i>	Blanchard Spring trail to spring (some in flower)
Rusty Black Haw	<i>Viburnum rufidulum</i>	Roaring River (very shiny leaves); also seen in almost all areas
Laurel Family	Lauraceae	
Spicebush	<i>Lindera benzoin</i>	shrub in shady places everywhere
Sassafras	<i>Sassafras albidum</i>	locally throughout; in regrowth areas
Lily Family	Liliaceae	
Common Greenbrier	<i>Smilax rotundifolia</i>	widespread
greenbrier spp.	<i>Smilax spp.</i>	widespread

Linden Family	<i>Tiliaceae</i>	
American Basswood	<i>Tilia americana</i>	scattered in Ozarks; Lost Valley and Gunner
Madder Family	<i>Rubiaceae</i>	
Buttonbush	<i>Cephalanthus occidentalis</i>	Sylamore Creek (along Gunner Pool trail)
Magnolia Family	<i>Magnoliaceae</i>	
Cucumber Tree	<i>Magnolia acuminata</i>	Lost Valley; Gunner
Umbrella Magnolia	<i>Magnolia tripetala</i>	Alum Cove
Southern Magnolia*	<i>Magnolia grandiflora</i>	towns
Maple Family	<i>Aceraceae</i>	
Box Elder	<i>Acer negundo</i>	river edges; common
Silver Maple	<i>Acer saccharinum</i>	mostly towns
Sugar Maple	<i>Acer saccharum</i>	richer soil forests
Red Maple	<i>Acer rubrum</i>	commoner in upland forests
Mezereum Family	<i>Thymelaeaceae</i>	
Leatherwood	<i>Dirca palustris</i>	Lost Valley; Gunner etc.; Greer; Blue Springs
Mistletoe Family	<i>Loranthaceae</i>	
Mistletoe	<i>Phoradendron serotinum</i>	Buffalo River (1 tree with dozens of clumps)
Mulberry Family	<i>Moraceae</i>	
Red Mulberry	<i>Morus rubra</i>	many areas (native species)
Paper Mulberry	<i>Broussonetia papyrifera</i>	Prob. this was the species seen in urban areas such as the motel in Mammoth where the waxwings and grosbeaks were feeding
Osage Orange	<i>Maclura pomifera</i>	Prairie State Park; Roaring River
Quassia Family	<i>Simaroubaceae</i>	
Tree of Heaven*	<i>Ailanthus altissima</i>	Blanchard Visitor Center (Forest service cut down a of them near parking lot!)
Pine Family	<i>Pinaceae</i>	
Short-leaf Pine	<i>Pinus echinata</i>	scattered; largest ones at Gunner
Plane Tree Family	<i>Platanaceae</i>	
Sycamore	<i>Platanus occidentalis</i>	ivers
Rose Family	<i>Rosaceae</i>	
Serviceberry	<i>Amelanchier arborea</i>	widespread
Hawthorns sp.	<i>Crataegus sp.</i>	Mincy Natural Area (1)
Ninebark	<i>Physocarpus opulifolius</i>	Ruth Henning (one); Gunner Pool; and various streamsides
Black Cherry	<i>Prunus serotina</i>	prairies; edges
Wild Plum	<i>Prunus americana</i>	prairie edges
Sapodilla Family	<i>Sapotaceae</i>	
Gum Bumelia	<i>Bumelia lanuginosa</i>	Blanchard Visitor Center; also noted in various other areas
Saxifrage Family	<i>Saxifragaceae</i>	
Wild Hydrangea	<i>Hydrangea arborescens</i>	Throughout Ozarks (not yet in flower)
Missouri Gooseberry	<i>Ribes missouriense</i>	Roaring River; Bee Creek etc
Trumpet Creeper Family	<i>Bignoniaceae</i>	

Family		
Northern Catalpa	<i>Catalpa speciosa</i>	Eureka Springs; Buffalo River; Blanchard; Gunner;
Trumpet Creeper	<i>Campsis radicans</i>	urban areas; etc
Cross Vine	<i>Bignonia capreolata</i>	Gunner Pool
Tupelo Family	<i>Nyssaceae</i>	
Black Gum	<i>Nyssa sylvatica</i>	Hide-out-Hollow; Blanchard; Gunner; Greer; Blue Springs etc (common and widespread)
Walnut Family	<i>Juglandaceae</i>	
Mockernut Hickory	<i>Carya tomentosa</i>	several areas
Pignut Hickory	<i>Carya glabra</i>	dry rocky ridges (i.e. Ruth Henning State Pk)
Black Hickory	<i>Carya texana</i>	dry rocky ridges (much like previous sp.) but I don't know how to identify this sp with certainty
Bitternut Hickory	<i>Carya cordiformis</i>	Along Gunner Pool trail by Sylamore Creek (rough blackish bark)
Black Walnut	<i>Juglans nigra</i>	Everywhere in Ozarks
Willow Family	<i>Salicaceae</i>	
Eastern Cottonwood	<i>Populus deltoides</i>	Prairie areas; one at Rush (Fish Crown perched in it!
Prairie Willow	<i>Salix humilis</i>	Prairie State Park
Sandbar Willow	<i>Salix interior</i>	Buffalo River
Witch Hazel Family	<i>Hamamelidaceae</i>	
Vernal Witch Hazel	<i>Hamamelis vernalis</i>	Gunner Pool trail by Sylamore Creek (flowers in spring; leaf rather narrow)
Common Witch Hazel	<i>Hamamelis virginiana</i>	Buffalo River etc. (flowers in fall; leaf is broad in shape compared to previous sp)
Sweet Gum	<i>Liquidambar styraciflua</i>	throughout Ozarks
unknown family		
Beauty Bush	<i>Kolkwitzia amabilis</i>	Roaring River Fish hatchery

LIST OF HERBACEOUS PLANTS IDENTIFIED; (not a complete list)

NF=not flowering

Alum=Alum Cove State Park, Arkansas

Baker=Baker Prairie in Harrison, Arkansas (visited only by SH)

Bee=Bee Creek Conservation Area southeast of Branson, Missouri

Blue Springs (on Current River), Missouri

Diamond Grove Prairie, Diamond, Missouri (visited in rain)

Falling Springs Falls, Oregon County, Missouri

Greer=Greer Springs, Missouri (a department of natural resources natural area)

Hide-out-Hollow=trail (Schemerhorn Trail) in upper Buffalo National River Wilderness, Arkansas

Gunner=Gunner Pool Campgd and trail along Sylamore Creek in Ozark Nat'l Forest, Arkansas;

Lost Valley=Lost Valley in Buffalo National River, Arkansas;

Mincy=Mincy Conservation Area southeast of Branson, Missouri;

PSP=Prairie State Park north of Joplin, Missouri;

Roaring River=Roaring River State Park, Missouri;

Rush=Rush mining town on Buffalo River, Arkansas

Flowering seemed behind schedule on the prairie but, throughout the Ozarks flowering of herbaceous plants as well as trees seemed right on schedule, even a bit early for this time of year as evidenced by the presence of *Echinaceae* in flower, many *Penstamens*, and good displays of many other species.

Acanthus Family	<i>Acanthaceae</i>	
Hairy Wild Petunia	<i>Ruellia humilis</i>	Mincy (roadside)
Wild Petunia	<i>Ruellia strepens</i>	Gunner Pool (I believe the ones we saw here were this species which is not hairy)
Arum Family	<i>Araceae</i>	
Jack-in-the-Pulpit	<i>Arisaema triphyllum</i>	Woodlands but most already past flowering
Green Dragon	<i>Arisaema dracontium</i>	Bee Creek (forest with gravel soil); Gunner Pool trail
Bean Family	<i>Fabaceae (Legumes)</i>	
Hog Peanut	<i>Amphicarpa bracteata</i>	forest ground cover; noticed at Lost Valley; prob also Greer but most of the ground cover at Greer was the ne sp along with poison ivy
Wild Bean	<i>Stropohostyles sp.</i>	Like prev. but taller; common at Gunner
Blue False Indigo	<i>Baptisia australis</i>	roadsides Branson area
White Wild Indigo	<i>Baptisia leucantha</i>	roadsides Branson area
Long-bracted Wild Ind	<i>Baptisia leucophaea</i>	Prairie State Park (including visitor center)
Common Vetch	<i>Vicia sativa</i>	Butler; notably large size
Tick Trefoil, Stick Tigl	<i>Desmodium spp.</i>	Lost Valley; Alum Cove State Park; Greer etc (not in flower but common everywhere)
Carolina Cranesbill	<i>Geranium carolinianum</i>	Roaring river (a few noticed here but they had already flowered)
Wild Geranium	<i>Geranium maculatum</i>	many flowering along roadside at Falling Springs
Black Medick (small yellow clover)	<i>Medicago lupulina</i>	roadsides everywhere; pointed out near parking lot at Eleven Point River
Sampson's Snakeroot	<i>Psoralea psoralioides</i>	Rush and Gunner (roadside); also roadside into Fallin Spring Falls etc
Red Clover	<i>Trifolium pratense</i>	roadsides everywhere
White Clover	<i>Trifolium repens</i>	roadsides everywhere
Crown Vetch	<i>Coronilla varia</i>	Roadsides (pink clumps of blossoms)
Wood Vetch	<i>Vicia caroliniana</i>	Roaring River (individual white blossoms)
Sensitive Briar	<i>Schrankia nuttalli</i>	Rush (roadside); pink balls of stamens with gold tips
Yellow Wood Sorrel	<i>Oxalis stricta</i>	Prairie State Park and through trip
Violet Wood Sorrel	<i>Oxalis violacea</i>	Prairie State Park (a few noticed before rain)

Barberry Family	<i>Berberidaceae</i>	
May Apple	<i>Podophyllum peltatum</i>	woodlands everywhere; some flowering
Bellflower Family	<i>Campanulaceae</i>	
Spiked Lobelia	<i>Lobelia spicata</i>	Prairie State Park (fairly common)
Birthwort Family	<i>Aristolochiaceae</i>	
Wild Ginger	<i>Asarum canadense</i>	moist woodlands
Buttercup Family	<i>Ranunculaceae</i>	
Doll's Eyes (Baneberry)	<i>Actaea pachypoda</i>	Greer (not flowering); also noted at Lost Valley
Columbine	<i>Aquilegia Canadensis</i>	Lost Valley; Gunner; Greer etc
Leather Flower	<i>Clematis spp.</i>	Blanchard; Gunner (NF)
Dwarf Larkspur	<i>Delphinium tricorne</i>	Roaring River etc (also common in Ozarks)
Carolina Larkspur	<i>Delphinium carolinianum</i>	Balds and roadsides (not flowering extensively yet); common throughout Ozarks
Trelease's Larkspur	<i>Delphinium treleasei</i>	Possibly along roadsides between Roaring River and Ruth Henning State Park; also planted in garden at visitor center at Roaring River state park
Round-lobed Hepatica	<i>Hepatica nobilis</i>	Lost Valley; Greer etc (NF)
Buttercup	<i>Ranunculus spp.</i>	Noted in a few areas but already flowered
Hispid Buttercup	<i>Ranunculus hispidus</i>	Blue Springs (the only place it was seen flowering)
Rue Anemone	<i>Thalictrum thalictroides</i>	One plant seen flowering on Gunner trail (normally an early flowering species)
Borage (Forget-Me-Not) Family	<i>Boraginaceae</i>	
Wild Comfrey	<i>Cynoglossum virginianum</i>	Lost Valley; Gunner; Greer
Orange Puccoon	<i>Lithospermum canescens</i>	Baker Prairie (Sh only)
Cactus Family	<i>Cactaceae</i>	
Prickly Pear	<i>Opuntia compressa</i>	Gunner trail (growing atop a large flat rock)
Day-Flower Family	<i>Commelinaceae</i>	
Ohio Spiderwort	<i>Tradescantia ohiensis</i>	everywhere; esp. prairies
Ozark Spiderwort	<i>Tradescantia ozarkana</i>	Roaring River (white flowers)
Dogbane Family	<i>Apocynaceae</i>	
Blue Star	<i>Amsonia ciliata</i>	Roaring River etc.
Evening Primrose Family	<i>Onagraceae</i>	
Missouri Primrose	<i>Oenothera missouriensis</i>	Ruth Henning State Park and Mincy area (with hundreds in flower)
Cut-leafed Evening Primrose	<i>Oenothera laciniata</i>	roadsides near Blanchard and last day in Missouri (we never stopped to look at this one)
Showy Evening Primrose	<i>Oenothera speciosa</i>	Seen in numerous native flower gardens (Roaring River folk center; Mammoth Springs) but never in the wild along roadsides; has showy pink blossoms
Grass Family	<i>Poaceae</i>	
Big Bluestem	<i>Andropogon gerardi</i>	prairies
Broomsedge Bluestem	<i>Andropogon virginicus</i>	Prairie State Park
Giant Cane	<i>Arundinaria gigantea</i>	Bee Creek; Eleven Point and Current River (riverbank)

Honeysuckle Family	Caprifoliaceae	
Horse Gentian	<i>Triosteum perfoliatum</i>	Roaring River (one); and Falling Springs Falls roads
Iris Family	Iridaceae	
Crested Iris	<i>Iris cristata</i>	Lost Valley; Alum Cove (but not flowering)
Blue-eyed Grass	<i>Sisyrinchium exile (campestre)</i>	Falling Springs Falls and roadside to the falls
Lily Family	Liliaceae	
Wild Onion	<i>Allium c. var. canadense</i>	prairies and woodlands (not flowering)
False Garlic	<i>Nothoscordum bivalve</i>	Roaring river (not flowering)
Wild Hyacinth	<i>Camassia scilloides</i>	prairies (common in low wet areas)
Yellow Star Grass	<i>Hypoxis hirsute</i>	prairies etc.
Solomon's Seal	<i>Polygonatum biflorum</i>	a few in wooded areas
False Solomon's Seal	<i>Smilacina racemosa</i>	wooded areas (noted at Lost Valley; Greer; Gunner)
Green Trillium	<i>Trillium viridescens</i>	Roaring River; Lost Valley; Gunner
Perfoliate Bellwort	<i>Uvularia perfoliata</i>	Lost Valley; Gunner; Greer etc (common)
Arkansas Yucca	<i>Yucca arkansana</i>	Gunner (two on the limestone cliff; not flowering)
Spanish Bayonet*	<i>Yucca sp.</i>	cultivated in yards
Soapweed Yucca	<i>Yucca glauca var. mollis</i>	Gunner Pool Trail along Sylamore Creek (group of three plants among vines near creek); this is the Yucca/lily that we could not identify at the time; greenish white flowers when they open
Madder Family	Rubiaceae	
Small Bluet (or Least Bluet)	<i>Hedyotis crassifolia</i>	Lawns in visitor center at Roaring River; folk center; Falling Springs etc (tiny, almost minute blue flowers)
Narrow-leafed Bluet	<i>Hedyotis nigricans</i>	Baker Prairie (SH only)
Bedstraw	<i>Galium aparine</i>	Roaring River; Lost Valley etc.
Bedstraw (Prairie)	<i>Galium obtusum</i>	Prairie State Park
Mallow Family	Malvaceae	
Mallow sp	<i>Malva sp. (not identified)</i>	Mammoth Springs (growing in large robust clumps at edge of spring orifice; purple flowers most obscured by large leaves; muskrat carried stems and leaves)
Milkweed Family	Asclepiadaceae	
Milkweed sp.	<i>Asclepias sp.</i>	NF (roadsides and various waste areas)
Four-leaved Milkweed	<i>Asclepias quadrifolia</i>	Alum Cove; Blanchard; Gunner; Greer etc.
Climbing Milkweed	<i>Matelea decipiens</i>	Blanchard Springs roadside; Gunner (purple flowers)
Climbing Milkweed	<i>Matelea baldwyniana</i>	Roaring River (white flowers; photographed)
Mint Family	Labiatae	
Ohio Horse Mint	<i>Blephilia ciliata</i>	Gunner trail (several places)
Gill-over-the-ground	<i>Glechoma jederacea</i>	Eleven Point River (roadside by parking lot)
Horsemint, Wild Bergamot	<i>Monarda russeliana/fistulosa</i>	Bee Creek; Lost Valley; Gunner; Greer etc
Lyre-leaved Sage	<i>Salvia lyrata</i>	everywhere
Dead Nettle	<i>Lamium purpureum</i>	Roaring River (roadside)
Mustard Family	Cruciferae (Brassicaceae)	
Yellow Rocket	<i>Barbarea vulgaris</i>	everywhere (yellow in fields)
Water Cress	<i>Nasturtium officinale</i>	near spring branches i.e. Mammoth Springs
Pepper Grass	<i>Lepidium campestre</i>	prairies; roadsides
Rock Cress	<i>Arabis laevigata (or canadensis)</i>	Gunner Pool
Shepard's Purse	<i>Capsella bursa-pastoris</i>	A few noted along roadsides at Prairie State Park

Dame's Rocket	<i>Hesperis matronalis</i>	Tall purple flowering plants that escape from gardens & are seen along roadsides
Nettle Family	Urticaceae	
Wood Nettle	<i>Laportea canadensis</i>	woodlands (alternate leaves)
Nightshade Family	Solanaceae	
Ground Cherry	<i>Physalis longifolia</i>	Baker Prairie
Orchid Family	<i>Orchidaceae</i>	
Lily Twayblade Orchid	<i>Liparis liliifolia</i>	Alum Cove and Greer Springs (a 2nd site for Greer)
Parsley Family	Umbelliferae (Apiaceae)	
Honewort (Wild Cherv)	<i>Cryptotaenia canadensis</i>	Blue Springs (larger <i>Taenidia</i> look-alike; larger, serrated trifoliate leaves; I photographed this one)
Yellow Pimpernel	<i>Taenidia integerrima</i>	Gunner (delicate plant)
Hemlock sp.	<i>Cicuta sp. maculata?</i>	Roaring River etc.
Rattlesnake Master	<i>Eryngium yuccifolium</i>	prairies (NF)
Sweet Cicely	<i>Osmorhiza claytonii</i>	all areas
Prairie Parsley	<i>Polytaenia nuttallii</i>	Prairie State Park
Meadow Parsnip	<i>Thaspium trifoliatum</i>	Roaring River
Phlox Family	Polemoniaceae	
Blue Phlox	<i>Phlox divaricata</i>	prairies etc.
Downy Phlox	<i>Phlox pilosa</i>	the common one in Ozarks
Phlox sp.?	<i>Phlox (paniculata?)</i>	Gunner Pool (on bluffs; white flower)
Jacob's Ladder	<i>Polemonium reptans</i>	Roaring River; Bee Ck; Lost Valley (already flowered everywhere);
Pink (Carnation) Family	Caryophyllaceae	
Sandwort	<i>Arenaria patula</i>	Mincy Glade; Gunner Pool (rocks by Sylamore Creek)
Fire Pink	<i>Silene virginica</i>	many areas
Plantain Family	Plantaginaceae	
English Plantain	<i>Plantago lanceolata</i>	Folk center (by our cabins); disturbed areas elsewhere
Plantain	<i>Plantago sp.</i>	Other spp. noted in lawns etc (not identified)
Pokeweed Family	Phytolaccaceae	
Pokeweed	<i>Phytolacca americana</i>	Roaring River etc (NF)
Poppy Family	Papaveraceae	
Blind Eyes (Orange Poppy)	<i>Papaver dubium</i>	One in field of fescue along Bee Creek
Bloodroot	<i>Sanguinaria canadensis</i>	Most damp woodland areas (none in flower)
Primrose Family	Primulaceae	
Shooting Star	<i>Dodecatheon meadia</i>	Prairies (but very few seen and none close because we were mostly confined to the car because of the rain)
Rose Family	Rosaceae	
Goat's Beard	<i>Aruncus dioicus</i>	Roadside near Gunner Pool Campgd (long plumes of yellowish white flowers)
Wild Strawberry	<i>Fragaria virginianum</i>	Prairies; roaring River

Five-finger Cinquefoil	<i>Potentilla simplex</i>	everywhere
Pasture Rose	<i>Rosa carolina</i>	One seen along roadbank in rain near Diamond Grove Prairie; native species
Multiflora Rose	<i>Rosa multiflora</i>	Common in most roadsides and woodland edges
Blackberry	<i>Rubus spp. (prob. occidentalis and pensilvanicus)</i>	Common and flowering throughout Ozarks
Dewberry	<i>Rubus flagellaris</i>	a few in roadsides in prairie region
Saxifrage Family	Saxifragaceae	
Alumroot	<i>Heuchera americana</i>	cliffs; Gunner; Greer; etc
Smartweed Family	Polygonaceae	
Virginia Knotweed	<i>Polygonum virginianum</i>	Lost Valley; Gunner and at Greer; identification provisional; may be this or a related sp. (i.e. <i>P. persica</i>); has prominent dark thumb prints on center of leaves hence often called "Lady's Thumb" (NF)
Curly Dock (or Sour Dock)	<i>Rumex crispus</i>	all areas (NF); noted along roadside parking lot at Eleven Point River
Snapdragon Family	Scrophulariaceae	
Indian Paintbrush	<i>Castilleja coccinea</i>	Prairie State Park
Blue-eyed Mary	<i>Collinsia violacea/verna</i>	Roaring River
Wood Betony	<i>Pedicularis canadensis</i>	PSP; Roaring River etc. (not much of it flowering)
Arkansas Beard-Tongue	<i>Penstemon arkansanus</i>	all over the Ozarks
Showy (Purple) Beard-Tongue	<i>Penstemon cobaea</i>	Yellville (many plants at Steve's Auto Salvage); one of the showiest plants in the Ozarks
Prairie Beard-Tongue	<i>Penstemon tubaeformis</i>	Prairie State Park; Baker
Woolly Mullein*	<i>Verbascum thapsus</i>	Roaring River and many other areas (NF)
Spurge Family	Euphorbiaceae	
Flowering Spurge	<i>Euphorbia corollata</i>	Mincy and Rush (milky sap)
Wood Spurge	<i>Euphorbia commutata</i>	Gunner trail (NF)
Stonecrop Family	Crassulaceae	
Widow's Cross	<i>Sedum pulchellum</i>	rock ledges at Blanchard Campgd; Gunner trail
Sunflower (Aster) Family	Asteraceae	
Yarrow*	<i>Achillea millefolium</i>	a few in flower along roadsides the last few days
Giant Ragweed	<i>Ambrosia</i>	roadsides (NF)
Common Ragweed	<i>Ambrosia artemisiifolia</i>	roadsides (NF); noted at Eleven Point River
Pussy's Toes	<i>Antennaria plantaginifolia</i>	all areas; already flowered;
Western Daisy	<i>Astranthium integrifolium</i>	Baker Prairie (SH only)
Daisy Fleabane (Prairie)	<i>Erigeron annuus</i>	prairies/roadsides (long narrow leaves); seen last few days of trip
Daily Fleabane	<i>Erigeron annuus</i>	Roadsides (broader leaves than prev sp)
Fleabane sp	<i>Erigeron sp.</i>	Roadsides; sp with tiny flowers (not identified)
Berlandiera	<i>Berlandiera texana</i>	Baker Prairie (SH only)
Ox-eye Daisy*	<i>Chrysanthemum leucanthemum</i>	roadsides everywhere
Lance-leaved Coreopsis	<i>Coreopsis lanceolata/spp.</i>	roadsides; common
Coreopsis sp.	<i>Coreopsis spp.</i>	Doubtless others present
Woodland Sunflower	<i>Helianthus divaricatus/spp.</i>	Bee Creek; Gunner etc.

Potato Dandelion	<i>Krigia dandelion</i>	Prairies (seen by SH; rain prevented us from walking in prairie and seeing this and other species)
Dwarf Dandelion (or T flowered Cynthia)	<i>Krigia biflora</i>	Roaring River; Lost Valley; Alum; Gunner; Greer etc
Wild Quinine; America Feverfew,	<i>Parthenium integrifolium</i>	Roadside driving out of Falling Springs Falls
Leaf-Cup, Small-flowe	<i>Polymnia canadensis</i>	many areas (NF)
Yellow Leaf-Cup	<i>Polymnia uvedalia</i>	Many roadsides (not in flower); has different leaf shape and lacks the leafy stipules at base of petioles that are prominent in previous sp.
Woolly Ragwort	<i>Senecio tomentosus</i>	A few scattered in ones Ozarks; Gunner trail cliff
Golden Ragwort	<i>Senecio aureus</i>	Prairies (much like prev.); not much in evidence because rain prevented us from searching the prairie
Prairie Dock	<i>Silphium terebinthinaceum</i>	glades; NF (plant with huge arrowhead leaves); roadside
Compass Plant	<i>Silphium laciniatum</i>	Baker Prairie (SH only)
Cup Plant	<i>Silphium perfoliatum</i>	Rush; and Gunner (not in flower)
Wingstem	<i>Verbesina helianthoides</i>	Bee Ck; Lost Valley; Blanchard; Gunner; etc (NF)
Touch-Me-Not Family	Balsaminaceae	
Jewel-Weed	<i>Impatiens capensis</i>	Many wooded areas (NF)
Valerian Family	Valerianaceae	
Corn Salad	<i>Valerianella sp.</i>	Prairies etc (tiny white flowers on delicate plant)
Vervain Family	Verbenaceae	
Rose Verbena (Vervain)	<i>Verbena Canadensis</i>	Prairie State Park
Violet Family	Violaceae	
Canada Violet	<i>Viola Canadensis</i>	woodlands
Bird's Foot Violet	<i>Viola pedata</i>	Prairie (probably not seen by most because of rain)
Waterleaf Family	Hydrophyllaceae	
Woolen Breeches	<i>Hydrophyllum appendiculatum</i>	Roaring River; Falling Springs Falls (many in shade on cliff to side of waterfall and mill)
Virginia Waterleaf	<i>H. virginianum</i>	Roaring River etc.
Hairy Phacelia	<i>Phacelia hirsute</i>	Hide-out-Hollow trail
Water Lily Family	Nymphaeaceae	
Spadderdock (Yellow Pond Lily)	<i>Nuphar luteum</i>	pond by prairie; Falling Springs Falls (many in flower)
Yam Family	Dioscoraceae	
Wild Yam	<i>Dioscorea quaternata</i>	Woodlands (common throughout)
Horsetail; Scouring R	Equisetaceae	
Common Horsetail	<i>Equisetum arvense</i>	Blue Springs trail (these are not flowering plants; more closely related to ferns)

Ferns: seen at various times during the trip

Christmas Fern, *Polystichum acrostichoides*, almost all forested areas

Ebony Spleenwort, *Asplenium platyneuron*, a few along trails; one pointed out at Greer

Maidenhair Fern, *Adiantum pedatum*, Lost Valley, Greer, etc.

Venus'-hair Fern (or Southern Maidenhair Fern), *Adiantum capillus-veneris*, hanging down beneath cliffs along Sylamore Creek; same genus as Maidenhair Fern;

Smooth Cliffbrake Fern, *Pellaea glabella*, a few along limestone cliffs at Gunner

Walking Fern, *Asplenium rhizophyllum*, Greer Springs (many on rocks)

Lip-Fern sp, *Cheilanthes sp.*, Gunner cliff

Rattlesnake Fern, *Botrychium virginianum*, Lost Valley (1 or 2 pointed out); has long fertile spike leaving main stem half way up; common and a type of "grape" fern

A book you might want to read:

John Madson. 1982. *Where the Sky Began*. Sierra Club. A superbly written treatist on tallgrass prairies.

Total miles driven: ca. 1100

Miscellaneous: Eleven Point River. Appears on frontier maps as the Levé Pont River from the early French explorers and settlers. I haven't found the origin of the eleven points, however.

Town of **Fifty Six** was so named in 1918 for the Fifty Six school, which was so named because it was in school district number fifty six, or so it is said. Today it is in Stone County School District.