

The Nature Conservancy's Pontatoc Ridge Preserve, Johnston County



Entrance to Pontatoc Ridge Preserve (photo by Patricia Folley)



Wildflower community on exposed limestone formation at Pontatoc Ridge Preserve
(photo by Patricia Folley)

Pontotoc Ridge Floristic Survey: 1999

transcribed with later additions

Forrest L. Johnson
Oklahoma Biological Survey

Patricia Folley (ed.)
President, Oklahoma Native Plant Society

In 1997, the Oklahoma Biological Survey and the Oklahoma Native Plant Society undertook an unusual joint project: the surveying of the plant resources of a preserve recently acquired by The Nature Conservancy. In part this was because of the deep attachment of some of the participants for this nearby and very interesting place. During the early exploration of the “Smith Ranch Site”, as it was called, amateurs and interns were brought in to call out the names of plants as they walked, or in some cases, rode past in trucks. As a rapid assessment, that was probably a good thing, but it certainly wasn’t scientific, and none of those names called could be verified for publication. The Biological Survey allotted the necessary manpower and equipment to conduct a survey structured after the ones being done for several military bases in the area. Frequent, disciplined visits were made to view the diverse habitats as the plants thereon developed over the course of the growing year. One or two specimens of each species was taken, processed, identified and preserved in a public herbarium for the use of future researchers. The herbarium chosen was the Robert Bebb Herbarium (OKL) at the University of Oklahoma, host institution for the Biological Survey.

2002 INTRODUCTION

Forrest Johnson of the Biological Survey, Patricia Folley of the Oklahoma Native Plant Society and a co-editor of the Flora of Oklahoma Project, and two field assistants, Newell McCarty and Deborah Benesh from the University of Oklahoma’s Bebb Herbarium carried out the fieldwork for the Survey. Almost all processing of specimens, including identification, was done by the late Dr. Johnson. Folley made the identifications of the specimens of sedges, and Benesh and Johnson maintained the database and prepared labels. Eventually, over 500 specimens were mounted and placed in the herbarium.

Also included in the survey is *Plantago rugelii*, which was collected by Patricia Folley in 1993 when the site was still known as

“Smith Ranch”. Since the survey Folley and others have added a few species, similarly documented, to those surveyed in 1997. They are identified by a later collection date in the inventory. No natural living place can ever be fully documented and there are still species known to exist in that preserve that have not yet been found in flowering or fruiting condition. It will no doubt provide interesting work for our successors.

After the original introduction was written, an infestation of *Lespedeza cuneata* (seresia lespedeza) proliferated in the old pastures and a program of removal was begun.

The research team is indebted to the kindness and assistance so generously contributed by TNC’s on-site managers, Jim and Hollie Erwin.

INTRODUCTION

In the growing season (March-October) of 1997, The Nature Conservancy's Pontotoc Ridge Preserve was visited approximately every two weeks by a team of botanists from the Oklahoma Native Plant Society and the Oklahoma Biological Survey for the purpose of preparing an inventory of the plant species on the Preserve. Two to four persons on each visit examined several sites on the Preserve. The number and location of sites varied with the condition of the primitive roads on the property. When roads were muddy, we collected plants at three or four sites along the west side of the Preserve. When the roads were dry enough, we visited several widely separated sites spread over the whole property. At each collecting site members of the team walked separate paths through the area. Any plant in flower or fruit that was not on a list of the plants previously collected or which could not be positively identified was collected. Some trees and shrubs that are usually identified by their leaves, buds, etc., were collected without flowers or fruits.

Each specimen was pressed, dried, and fumigated to eliminate insects. Then they were stored in the Robert Bebb Herbarium at the University of Oklahoma. The specimens were identified with the keys and descriptions in *Flora of the Great Plains* (Great Plains Flora Association, 1986, University Press of Kansas, Lawrence) and *Keys to the Flora of Oklahoma*, (U. T. Waterfall, 1973, published by the author, Stillwater, OK), then confirmed by comparison with known specimens in the Bebb Herbarium. The specimens from Pontotoc Ridge will remain in the Bebb Herbarium and become part of its permanent collection.

Several plant names have been changed since the publication of *Keys to the Flora of Oklahoma* and *Flora of the Great Plains*. Names in our list names comply with the PLANTS online database: plants.usda.gov/plants/qurymenu.html, maintained by the U.S. Department of Agriculture, Natural Resources Conservation Service. We included

both the old and new names for a few plants that have had recent name changes. The older name is listed in brackets below the new name.

Two status and 17 habit categories are defined by the *National List of Scientific Plant Names* (1982, U.S.D.A. Soil Conservation Service Publication SCS-TP-159, Washington, D.C.) They are applied as appropriate for each species. The categories and representative symbols used to define status categories are: (**N**) native and (**I**) introduced. Habit is represented by one or more of the following: (**A**) annual; (**B**) biennial; (**P**) perennial; (**F**) herbaceous; (**S**) shrub; (**T**) tree; (**G**) grasslike; (**H**) partly woody; (**W**) woody; (**\$**) succulent; (**V**) vine; (**Z**) submersed; (**E**) emergent; (**L**) floating; (**@**) tree epiphyte; (**+**) parasitic; and (**_**) saprophytic. This information is determined by examining the specimens and consulting the designated floras. These symbols are combined into a convenient status/habit code for each species. For example, NPG = native perennial grasslike; NT = native tree, etc.

In the 1997 growing season, we collected 399 species in 261 genera and 79 families. About a third of the species found were in the three common Great Plains families: Asteraceae (composites); Poaceae (grasses) and Fabaceae (legumes). Only about 6 percent of the species are exotic and none of the exotic species is conspicuous or seems to present a threat to the native vegetation. No truly rare plants were found, although *Penstemon oklahomensis* (S3) and *Echinocereus riechenbachii* (S2) are present.

Based on previous experience, we are likely to have found about 80% of the total plant species present at Pontotoc Ridge. There are probably about 500 plant species in the area. Some perennial plant species do not flower every year, and some annuals vary greatly in abundance from year to year. Continued investigation will result in more species being found. Several field trips to Pontotoc Ridge are planned in 1998.

Pontotoc Ridge Floristic Survey

- Acanthaceae** (acanthus)
Ruellia humilis Nutt.
NPF 29 May, 10 Sep 1997
Low ruellia
infrequent, prairie
Ruellia strepens L.
NPF 29 May 1997
Limestone ruellia
- Aceraceae** (maple)
Acer negundo L.
NT 18 Jul 1997
Box elder
infrequent, floodplain forest
- Agavaceae** (yucca, agave family)
Yucca glauca Nuttall
NS (not yet collected)
Common yucca
infrequent, uplands
- Anacardiaceae** (sumac, poison ivy)
Rhus aromatica Ait.
NS 28 Mar, 18 Jul 1997
Aromatic sumac
common, rocky upland
Rhus copallinum L.
NS 18 Jul 1997
Winged sumac
infrequent, rocky upland
Rhus glabra L.
NS 18 Jun 1997
Smooth sumac
common, rocky upland
- Apiaceae** (carrot, celery, etc.)
**Ammoselinum popei*, see *Chaerophyllum*
Bifora americana (DC.) Watson
NAF 14 May 1997
Prairie bishop's weed
infrequent, rocky upland
Chaerophyllum procumbens (L.) Crantz
NAF 15 Apr 1997
Wild chervil
common, disturbed area
Chaerophyllum taintureiri Hook.
NAF 15 Apr, 14 May 1997
Wild chervil
common, disturbed area, mowed meadow
Cryptotaenia canadensis (L.) DC.
NPF 29 May 1997
Honesty
common, floodplain forest
Daucus pusillus Michaux
NAF 18 Jun 1997
Rattlesnake weed
common, disturbed area
Eryngium leavenworthii T. & G.
NAF 10 Sep 1997
Rattlesnake master
common, rocky upland
Eryngium yuccifolium Michaux
- var. *synchaetum* Gray ex C & Rose
NPF 31 July 1997
Button snakeroot
common, prairie
Lomatium foeniculaceum (Nutt.) C.&R.
var. *foeniculaceum*
NPF 28 March 1997
Wild parsley
common, rocky upland
Osmorhiza longistylis (Torr.) DC.
NPF 30 April 1997
Anise root
common, floodplain forest
Polytaenia nuttallii (Nutt.) DC.
NPF 14 May 1997
Prairie parsley
common, prairie
Sanicula canadensis L.
NPF 30 April, 29 May 1997
Snakeroot
common, floodplain forest
Torilis arvensis (Huds.) Link
IAF 18 June 1997
Hedge parsley
common, disturbed area
Trepocarpus aethusae Nuttall
NAF 18 June 1997
White nymph
infrequent, rocky upland
Zizia aurea (L.) Koch
NPF 14 May 1997
Golden alexanders
infrequent, floodplain forest
- Apocynaceae** (dogbane)
Amsonia ciliata Walt.
NPF 10 April 1996
Fringed bluestars
infrequent, rocky upland
Apocynum cannabinum L.
var. *cannabinum*
NPF 29 May 1997
Indian hemp
infrequent, prairie
- Araceae** (arum)
Arisaema dracontium (L.) Schott
NPF (not yet collected)
Green dragon
infrequent, floodplain forest
- Asclepiadaceae** (milkweed)
Asclepias asperula (Dcne.) Woodson
var. *decumbens* (Nutt.) Shinnery
NPF 30 Apr, 14 May 1997
Spider antelopehorn
common, rocky upland
Asclepias stenophylla (Gray)
NPF 18 June 1997
Narrowleaf milkweed
infrequent, prairie

- Asclepias tuberosa* L.
NPF 18 June 1997
Butterfly milkweed
common, prairie
- Asclepias viridis* Walt.
NPF 29 May 1997
Green milkweed
common, prairie
- Matelia biflora* (Raf.) Woodson
NPV 14 May 1997
Twoflower milkvine
infrequent, rocky upland
- Matelia gonocarpa* (Walt.) Shinnery
NPV 18 July 1997
Climbing milkweed
infrequent, disturbed area
- Aspleniaceae** (*cliff ferns*)
- Woodsia obtusa* (Spreng.) Torr.
NPF 29 May 1997
Blunt-lobed cliff fern
infrequent, Cross Timbers
- Asteraceae** (asters, daisies, sunflowers)
- Achillea millefolium* L.
NPF 14 May 1997
Yarrow
common, prairie
- Ambrosia artemisiifolia* L.
NAF 10 Sept 1997
Common ragweed
common, disturbed areas
- Ambrosia bidentata* Michaux
NAF 10 Sept 1997
Southern ragweed
common disturbed area
- Ambrosia psilostachya* DC.
NPF 8 October 1997
Western ragweed
infrequent, disturbed areas
- Ambrosia trifida* L.
NAF 20 August 1997
Giant ragweed
common, disturbed areas
- Amphiachyris dracunculoides* (DC.) Shinnery
NAF 10 Sept. 1997
Broomweed
infrequent, disturbed area
- Artemisia ludoviciana* Nuttall
var. *mexicana* (Willd.) Fernald
NPF 10 Sept, 8 October 1997
White sage, watersage
infrequent, disturbed area, prairie
- Aster drummondii* Lindl.
var. *parviceps* (Shinnery) A.G. Jones
NPF 8 October 1997
Blue wood aster
infrequent, disturbed areas
- Aster ericoides* L.
NPF 8 October 1997
Heath aster
common, disturbed area
- Aster oolentangensis* Riddell
NPF 8 October 1997
Blue aster
infrequent, disturbed area
- Aster patens* Ait.
NPF 8 October 1997
Spreading aster
infrequent, disturbed area, rocky upland
- Aster prealtus* Poir.
NPF 8 October 1997
Willowleaf aster
infrequent, disturbed area
- Astranthium integrifolium* (Michx.) Nutt.
NAF 15 April, 30 April 1997
Western daisy
common, disturbed area
- Brickellia eupatorioides* (L.) Raf.
NPF
False snakeweed
uncommon, disturbed area
- Centaurea americana* Nuttall
NAF 18 June 1997
Basketflower
common, rocky upland
- Chaetopappa asteroides* Nutt. Ex DC.
NAF 30 April 1997
Least daisy
infrequent, disturbed area
- Chrysopsis pilosa* Nuttall
NAF 31 July, 8 Oct. 1997
Golden aster
infrequent, disturbed area, prairie
- Cirsium altissimum* (L.) Spreng.
NPF 31 July, 10 Sept 1997
Tall thistle
infrequent, prairie
- Cirsium undulatum* (Nutt.) Spreng.
NPF 18 June 1997
Wavy-leaf thistle
common, disturbed area
- Conyza canadensis* (L.) Cronq.
NAF 20 August 1997
Horseweed
common, disturbed area
- Echinacea atrorubens* Nuttall
NPF
Rose coneflower
common, rocky upland
- Eclipta prostrata* (L.) L.
NAF 10 Sept 1997
Yerba de tajo
infrequent, pond margin
- Elephantopus carolinianus* Willd.
NPF 10 Sept 1997
Elephant's foot
common, floodplain forest
- Engelmannia pinnatifida* Gray ex Nutt.
NPF 14 May 1997
Engelmann's daisy
common, rocky upland, prairie
- Erigeron annuus* (L.) Pers.
NAF 14 May 1997

- Daisy fleabane
common, prairie
Erigeron philadelphicus L.
NAF 15 April 1997
Philadelphia fleabane
common, riparian
Eupatorium serotinum Michaux
NPF 20 August 1997
Late boneset
infrequent, disturbed areas
Gaillardia aestivalis (Walt.) Rock
NAF 10 Sept 1997
Summer gaillardia
infrequent, prairie
Gaillardia pulchella Fouq.
NAF 9 May, 18 June 1997
Indian blankets, firewheels
common, prairie, rocky upland
Gamochaeta purpurea (L.) Cabrera
NPF 30 April 1997
Purple cudweed
infrequent, disturbed area
Gnaphalium obtusifolium L.
NPF 10 Sept 1997
Sweet everlasting
infrequent, prairie
Helenium amarum (Raf.) H. Rock
NAF 18 Jun 1997
Bitterweed
common, disturbed area
Helianthus annuus L.
NAF 18 July 1997
Common sunflower
infrequent, disturbed area
Helianthus hirsutus Raf.
NPF 18 July 1997
Hairy or rough sunflower
infrequent, disturbed area
Helianthus mollis Lam.
NPF 31 July 1997
Ashy or soft sunflower
common, prairie
Heliopsis helianthoides (L.) Sweet
NPF 31 July 1997
False sunflower
common, floodplain forest
Heterotheca latifolia Buckl.
NPF 10 Sept 1997
Golden aster
common, prairie
Hieracium longipilum Torrey
NPF 19 Sept 1997
Longbeard hawkweed
infrequent, prairie
Hymenopappus scabioseus L'Her.
NPF 14 May 1997
Old plainsmen
common, rocky upland
Hymenoxys linearifolia Hook.
NAF 15 April – 15 May 1997
Narrowleaf hymenoxys
common, rocky upland, disturbed area
Iva annua L.
NAF 10 Sept 1997
Annual false ragweed, sumpweed
common, disturbed area
Krigia caespitosa (Raf.) Chambers
NAF 14 May 1997
Common dwarf dandelion
infrequent, prairie
Krigia dandelion (L.) Nuttall
NPF 14 May 1997
Potato dandelion
common, prairie
Lactuca ludoviciana (Nutt.) DC.
NAF 18 Jun 1997
Western wild lettuce
infrequent, disturbed area
Liatris punctata Hook.,
var. *nebraskana* Geiser
NPF 10 Sept 1997
Dotted gayfeather
abundant, prairie
Liatris pycnostachya Michaux
NPF 31 July 1997
Button snakeroot
common, prairie
Liatris squarrosa (L.) Michaux
NPF 31 July 1997
Gayfeather
common, prairie
Lindheimeria texana Gray & Engelm
NAF 30 April, 11 June 1997
Texas yellow star
infrequent, rocky upland, prairie
Marshallia caespitosa Nutt. Ex DC.
NPF 14 May, 18 June 1997
Barbara's buttons
infrequent, prairie, rocky upland
Pluchea odorata (L.) Cass.
NAF 8 October 1997
Purple camphorweed
common, pond margin
Prionopsis ciliata Nuttall
NAF 10 Sep 1997
Wax goldenweed
infrequent, disturbed area
Pyrrhopappus grandiflorus Nuttall
NPF 30 April 1997
False dandelion
common, disturbed area
Pyrrhopappus pauciflorus DC.
NAF 14 May 1997
Geiser's false dandelion
common, prairie
Ratibida columnifera Woot. & Standl.
NPF 18 June 1997
Yellow coneflower
common, disturbed area
Rudbeckia hirta L.
NABPF 18 June 1997
Blackeyed Susan
common, disturbed area

- Rudbeckia missouriensis*** Engelm.
NPF 31 July 1997
Missouri coneflower
common, prairie
- Rudbeckia triloba*** L.
NPF 31 July 1997
Browneyed Susan
infrequent, floodplain forest
- Senecio plattensis*** Nuttall
NPF 28 March 1997
Prairie groundsel
common, Cross timbers, floodplain
- Silphium laciniatum*** L.
NPF 31 July 1997
Compass plant
common, prairie
- Solidago arguta*** Ait.
NPF 31 July 1997
Boott's woodland goldenrod
infrequent, floodplain forest
- Solidago canadensis*** L.
var. *Gilvocanescens* Rydb.
NPF 8 October 1997
Prairie goldenrod
common, rocky upland
- Solidago nemoralis*** Ait.
NPF 10 Sept. 1997
Oldfield goldenrod
infrequent, prairie
- Solidago rigida*** L.
NPF 19 Sept. 1997
Stiff prairie goldenrod
infrequent, prairie
- Thelesperma filifolia*** (Hook.) Gray
NPF 29 May 1997
Greenthread
common, prairie
- Verbesina virginica*** L.
NPF 28 Sept 1999
Virginia crownbeard
uncommon, floodplain forest
- Vernonia baldwinii*** Torrey
NPF 31 July 1997
Western ironweed
common, prairie
- Xanthium strumarium*** L.
NAF 10 Sept. 1997
Cocklebur
common, pond margin
- Berberidaceae** (barberry family)
Podophyllum peltatum L.
NPF 10 Apr 1996, 15 April 1997
Mayapple
abundant, Cross timbers
- Boraginaceae** (borage, heliotrope family)
Heliotropium tenellum (Nutt.) Torrey
NAF 18 June, 31 July 1997
Pasture heliotrope
infrequent, prairie, rocky upland
- Lithospermum incisum*** Lehm.
NPF 28 March, 18 June 1997
Narrowleaf puccoon
infrequent, rocky upland
- Myosotis macrosperma*** Engelmann
NPF 30 April 1997
Spring forget-me-not
common, disturbed area
- Myositis verna*** Nuttall
NAF 15 April 1997
Early scorpiongrass
common, disturbed area
- Brassicaceae** (mustard family)
Capsella bursa-pastoris (L.) Medik
IAF 30 April 1997
Shepherd's purse
infrequent, disturbed area
- Draba brachycarpa*** Nutt. Ex T.&G.
NAF 28 Feb. 1997
Whitlow
infrequent, mowed meadow
- Draba cuneifolia*** Nutt. Ex T. & G. Whitlow
NAF 28 March 1997
infrequent, disturbed area
- Lepidium densiflorum*** Schrad.
IAF 30 April 1997
Peppergrass
common, disturbed area
- Lepidium virginicum*** L.
NAF 30 April 1997
Virginia peppergrass
infrequent, disturbed area
- Lesquerella gracilis*** (Hook.) Wats.
var. *repandum* (Nutt.) Payson
NAF 15 April 1997
Spreading bladderpod
common, disturbed area
- Lesquerella ovalifolia*** Rydb.
var. *alba* Goodman
NPF 15 April 1997
Oval-leaf or white bladderpod
abundant, rocky upland
- Rorippa nasturtium-aquaticum*** (L.) Hayek
IAE 15 April 1997
Water cress
common, aquatic
- Cactaceae** (Cactus family)
Echinocereus riechenbachii
(Tersch.) Hogue
NP\$ 12 May 2001
Lace or pincushion cactus
infrequent, rocky upland
- Opuntia engelmannii*** Salm-Dyck
var. *lindheimeri* (Engl.) Parfit. & Pink.
NP\$ 11 June 1997
Texas or limestone prickly-pear
infrequent, rocky upland
- Callitrichaceae** (waterweed family)
Callitriche heterophylla Pursh
NZF 14 May 1997

- Water starwort
common, aquatic
- Campanulaceae** (bellflower family)
Lobelia appendiculata DC.
NPF 29 May 1997
Earflower lobelia
common, prairie
Lobelia siphilitica L.
var. *ludoviciana* DC.
NPF 10 Sept. 1997
Blue cardinal flower
uncommon, seeps
Triodanis leptocarpa (Nutt.) Niew.
NAF 29 May 1997
Western Venus' looking-glass
common, prairie
Triodanis perfoliata (L.) Niew.
NAF 14 May 1997
Venus' looking glass
infrequent, prairie
- Caprifoliaceae** (honeysuckle family)
Symphoricarpos orbiculatus Moench
NS (in fruit) 10 Sept. 1997
Coralberry, buckbrush
common, cross timbers
Viburnum rufidulum Raf.
NST 15 April 1997
Rusty blackhaw
infrequent, cross timbers
- Caryophyllaceae** (Pink, carnation family)
Arenaria patula Michaux
NAF 28 March, 30 April 1997
Sandwort
infrequent, rocky upland
Arenaria stricta Michx.,
var. *texana* Rydberg
NAF 30 April, 29 May 1997
rock sandwort
common, rocky upland
Paronychia jamesii T. & G.
NPF 20 August 1997
James' nailwort
common, rocky upland
- Celastraceae** (bittersweet family)
Celastrus scandens L.
NWV (in fruit) 8 October 1997
Climbing bittersweet
infrequent, disturbed area
- Cistaceae** (pinweed family)
Lechea villosa Raf.
NPF 20 August 1997
Pinweed
infrequent, disturbed area
- Clusiaceae** (St. John's Wort family)
Hypericum drummondii T. & G.
NAF 20 August 1997
- Nits-and-lice
infrequent, rocky upland
Hypericum sphaerocarpon Michx.
NPF 18 June 1997
Roundfruit St. John's Wort
infrequent, rocky upland
- Commelinaceae** (spiderwort & dayflower family)
Tradescantia ohimensis Raf.
NPF 14 May 1997
Ohio spiderwort
infrequent, prairie
Tradescantia tharpii Anders & Woods
NPF 30 April 1997
Tharp's spiderwort
common, rocky upland
- Convolvulaceae** (morning glory family)
Convolvulus equitans Benth.
NAVF 29 May, 18 June 1997
Texas bindweed
common, disturbed area
Evolvulus nuttallianus R. & S.
NPF 30 April 1997
Hairy evolvulus
infrequent, rocky upland
- Cornaceae** (dogwood family)
Cornus drummondii Meyer
NS 14 May 1997
Rough-leaf dogwood
common, rocky upland
Cornus florida L.
NT 15 April 1997
Flowering dogwood
infrequent, cross-timbers
- Crassulaceae** (stonecrop family)
Sedum nuttallianum Rf.
NAF 29 May 1997
Yellow stonecrop
infrequent, seep
Sedum pulchellum Michaux
NAF 14 May 1997
Pink stonecrop, widow's cross
infrequent, wet meadow
- Cyperaceae** (sedge family)
Carex festucea Schkuhr
NPG 30 April 1997
None
infrequent, disturbed area
Carex flaccosperma Dewey
NPG
None
infrequent, floodplain forest
Carex frankii Kunth
NPG 29 May to 31 July 1997
None
common, floodplain forest
Carex grvida Bailey
NPG 15 April 1997

- Heavy sedge
common, rocky upland
Carex hirsutella Mackenzie
NPG
Hairy sedge
common, disturbed area
Carex leavenworthii Dewey
NPG 30 April 1997
None
infrequent, disturbed area
Carex retroflexa Muhlenberg
NPG
None
common, rocky ground
Carex vulpinoidea Michaux
NPG 30 April 1997
None
infrequent, aquatic
Cyperus filiculmis Vahl
NPG 18 June 1997
Slender flatsedge
common, prairie
Cyperus odoratus L.
NAG 10 Sept. 1997
Fragrant flatsedge
infrequent, pond margin
Cyperus ovularis (Michaux) Torrey
NPG 18 June 1997
Globe flatsedge
common, disturbed area
Eleocharis compressa Sulliv.
NPG 14 May 1997
Weakstem spikerush
common, riparian
Eleocharis engelmannii Steudel
NPG 10 Sept 1997
Engelmann's spikerush
common, pond margin
Eleocharis parvula (R.&S.) Link
NAG 10 Sept. 1997
Dwarf spikesedge
common, pond margin
Fimbristylis puberula (Michx) Vahl
NPG 30 April 1997
None
infrequent, rocky upland
Fuirena simplex Vahl
NPG 31 July 1997
Umbrella sedge
common, seep
Rhynchospora nivea Boeckl.
NPG 8 Oct 1998
White-top sedge
infrequent, seep
Scirpus koilolepis (Steud.) Gleason
NAG
None
common, pond margin
Scirpus pendulus Muhlenberg
NPG 31 July 1997
None
common, floodplain forest
Scleria pauciflora Michx. Ex Willd.
NPG 31 July 1997
Few-flower nutrush
infrequent, prairie
- Ebenaceae** (Ebony family)
Diospyros virginiana L.
NT 29 May 1997
Persimmon
infrequent, crosstimbers
- Euphorbiaceae** (spurge family)
Acalypha gracilens Gray
NAF 18 July 1997
Three-seeded mercury
infrequent, rocky upland
Argythamnia mercurialina Muell.
NPF 11 June 1997
Wild mercury
infrequent, forest margin
Chamaesyce missurica (Raf.) Shinnors
NAF 20 August 1997
[*Euphorbia missurica* Lag.]
Missouri spurge
common, disturbed areas
Chamaesyce nutans Lag.) Small
NAF 20 Aug. – 10 Sept. 1997
[*Euphorbia nutans* Lag.]
Eyebane
common, disturbed areas
Croton capitatus Michaux
NAF 10 Sept. 1997
Wooly croton
common, disturbed area
Croton monanthogynus Michaux
NAF 18 July – 20 Aug. 1997
One-seed croton
common, disturbed area
Euphorbia corollata L.
NAF 10 Sept. 1997
Flowering spurge
infrequent, prairie
Euphorbia dentata Michaux
NAF 18 July 1997
Toothed spurge
infrequent, rocky upland
Euphorbia hexagona Nuttall
NAF 8 October 1996
6-angle spurge
infrequent, rocky upland
Euphorbia spathulata Lam.
NAF 30 April 1997
Warty spurge
infrequent, rocky upland
Phyllanthus polygonoides Nuttall
NPF 29 May 1997
Knotweed leaf-flower
common, prairie
Stillingia sylvatica Graden ex L.
NPF 29 May 1997
Queen's delight
infrequent, prairie

- Tragia ramosa* Torrey
NPF 29 May 1997
Nettle-leaf, noseburn
common, prairie
- Fabaceae** (legume, bean and pea family)
[includes Caesalpinaceae and Mimosaceae]
- Albizia julibrissin* Durazz.
IT 18 July 1997
Mimosa
infrequent, disturbed area
- Amorpha canescens* Pursh
NS 31 July 1997
Leadplant
infrequent, prairie
- Amorpha fruticosa* L.
NS 10 Sept. 1997
False indigo
common, pond margin
- Astragalus nuttallianus* DC.
NAF 30 April 1997
Nuttall's milkvetch
infrequent, rocky upland
- Baptisia australis* (L.) R. Br.
NPF 30 April 1997
Blue wild indigo
common, rocky upland
- Cercis canadensis* L.
NT 13-28 March, 1997
Redbud
common, Crosstimbers, rocky upland
- Chamaecrista fasciculata* (Michx.)
NAF 18 July 1997
Greene Partridge pea
frequent, disturbed area, prairie
- Dalea aurea* Nuttall ex Pursh
NPF 18 July 1997
Golden prairie clover
infrequent, rocky upland
- Dalea candida* Willdenow
NPF 18 June 1997
White prairie clover
common, rocky upland
- Dalea enneandra* Nuttall
NPF 31 July 1997
Nine-anther prairieclover
infrequent, prairie
- Dalea purpurea* Vent.
NPF 18 June 1997
Purple prairieclover
common, rocky upland
- Desmanthus illinoensis* (Michx.)
NPF 18 July 1997
MacM.
Bundleflower
common, disturbed area
- Desmodium glutinosum* (Muhl.) Wood
NPF 18 June 1997
Large-flowered tickclover
common, floodplain forest
- Desmodium paniculatum* (L.) DC.
NPF 10 Sept. 1997
Panicked tickclover
common, floodplain forest
- Gleditsia triacanthos* L.
NT 31 July 1997
Honey locust
common, mowed meadow
- Lespedeza cuneata* G. Don
IPF 20 August 1997
Sericea lespedeza
common, disturbed area
- Lespedeza stipulacea* Maxim.
IAF 20 August, 1997
Korean clover
common, disturbed area
- Lespedeza stuevei* Nuttall
NPF 10 Sept 1997
Stueve's lespedeza
common, prairie
- Mimosa nuttallii* (DC.) B.L. Turner
NWV 14 May 1997
[*Schrankia nuttallii* DC.]
Sensitive brier
common, rocky upland
- Pediomelum cuspidatum* (Pursh)
NPF 14 May 1997
Rydb.
[*Psoralea cuspidata* Pursh]
Tallbread scurfpea
infrequent, rocky upland
- Pediomelum esculentum* (Pursh)
NPF 14 May 1997
Rydb.
[*Psoralea esculenta* Pursh]
Prairie turnip
common, rocky upland
- Psoralidum tenuifolium* (Pursh) Rydb.
NPF 14 – 29 May 1997
[*Psoralea tenuifolia* Pursh]
Wild alfalfa
common, prairie, rocky upland
- Stylosanthes biflora* (L.) B.S.P.
NPF 31 July 1997
Pencil flower
infrequent, prairie
- Tephrosia virginica* (L.) Pers.
NPF 31 July 1997
Goat's rue
infrequent, prairie
- Trifolium dubium* Sibth.
IAF 15 – 30 April 1997
Small hop-clover
common, mowed meadow
- Trifolium repens* L.
IPF 30 April 1997
White clover
common, disturbed area
- Vicia sativa* L.
IAF 15 April 1997
Common vetch
common, disturbed area

Fagaceae (oak, beech, chestnut family)

- Quercus macrocarpa* Michaux
NT 18 July 1997
Burr oak
infrequent, floodplain forest
- Quercus marilandica* Muench.
NT 18 July 1997
Blackjack
common, crosstimbers
- Quercus muehlenbergii* Engelm.
NT 14 May 1997
Chinquapin oak
common, floodplain forest
- Quercus stellata* Wang.
NT 18 July 1997
Post oak
dominant, crosstimbers
- Quercus velutina* Lam.
NT 8 October 1997
Black oak
infrequent, crosstimbers

Gentianaceae (gentian family)

- Sabatia campestris* Nuttall
NAF 11 June 1997
Prairie rose, pink gentian
infrequent, prairie

Geraniaceae (geranium family)

- Geranium carolinianum* L.
NAF 30 April 1997
Carolina crane'sbill
infrequent, disturbed area

Grossulariaceae (gooseberry family)

- Ribes aureum* Pursh
NS 30 April 1997
Golden or buffalo current
infrequent, rocky upland

Iridaceae (iris family)

- Nemastylis geminiflora* Nuttall
NPF 30 April 1997
Prairie iris
- Sisyrinchium angustifolium* Miller
NPF 30 April 1997
Blue-eyed grass
infrequent, mowed meadow
- Sisyrinchium campestre* Bicknell
NPF 15 April 1997
Prairie blue-eyed grass
infrequent, rocky upland

Juglandaceae (walnuts, hickory family)

- Carya cordiformis* (Wang.) Koch
NT 18 July 1997
Bitternut hickory
infrequent, floodplain forest
- Carya illinoensis* (Wang.) Koch
NT 31 July 1997
Pecan

- common, ravine
- Carya texana* Buckley
NT 18 July 1997
Black hickory
infrequent, crosstimbers
- Juglans nigra* L.
NT 31 July 1997
Black walnut
common, floodplain forest

Juncaceae (rush family)

- Juncus brachycarpus* Engelmann
NPG 18 June 1997
Whiteroot rush
common, disturbed area
- Juncus marginatus* Rostk.
NPG 18 June 1997
Grassleaf rush
infrequent, prairie
- Juncus tenuis* Willdenow
NPG 18 June 1997
Slender rush
common, disturbed area
- Juncus validus* Coville
NPG 31 July 1997
Bulrush
common, seep

Krameriaceae (ratany family)

- Krameria lanceolata* Torrey
NPF 29 May 1997
Trailing ratany
infrequent, prairie

Lamiaceae (mint family)

- Hedeoma drummondii* Benth.
NPF 20 August 1997
False pennyroyal
common, disturbed area, rocky upland
- Mondarda citriodora* Cerv. Ex Lagasca
NAF 29 May 1997
Lemon beebalm
infrequent, prairie
- Monarda fistulosa* L.
NPF 22 June 1997
Wild bergamot
infrequent, mowed meadow
- Prunella vulgaris* L.
NPF 29 May – 31 July 1997
Heal-all
common, floodplain forest
- Pycnanthemum tenuifolium* Schrad.
NPF 10 Sept. 1997
Narrowleaf mountain mint
common, prairie
- Salvia azurea* Lam.
NPF 10 Sept. 1997
Blue sage
common, prairie
- Satureja calamintha* (L.) Scheele
NPF 14-29 May 1997
Ozark savory
abundant, prairie, rocky upland

- Scutellaria parvula* Michaux
NPF 30 April – 29 May 1997
Small skullcap
infrequent, prairie, rocky upland
- Teucrium canadense* L.
NPF 31 July 1997
American germander
common, seep
- Trichostema brachiatum* L.
NAF 20 August 1997
Blue curls
infrequent, rocky upland
- Lemnaceae** (duckweed family)
- Wolffia columbiana* Karst
NPL 8 October 1997
Watermeal
common, aquatic
- Liliaceae** (lily family)
- Allium canadense* L.
NPF 30 April 1997
Wild onion/garlic
common, rocky upland
- Allium drummondii* Regel
NPF 15 April 1997
Drummond's wild onion
common, rocky upland
- Allium stellatum* Nuttall
NPF 8 October 1997
Autumn wild onion
common, rocky upland
- Androstaphium coeruleum* (Scheele) Torr.
NPF 28 March 1997
Blue funnel lily
common, rocky upland
- Camassia scilloides* (Raf.) Cory
NPF 14 May 1997
Eastern camass
infrequent, rocky upland
- Cooperia drummondii* Herb.
NPF 10 Sept 1997
Rain lily
infrequent, disturbed area
- Erythronium albidum* Nuttall
NPF 13 March 1997
White dogtooth violet, fawn lily
common, rocky upland
- Lythraceae** (loosestrife family)
- Lythrum alatum* Pursh
var. *lanceolatum* (Ell.) T. & G.
NPF 31 July – 10 Sept. 1997
Tall loosestrife
infrequent, wet prairie
- Rotala ramosior* (L.) Koehne
var. *interior* Fern. & Grisc.
NAF 10 Sept. 1997
Toothcup
common, pond margin
- Malvaceae** (mallow, hibiscus, cotton family)
- Callirhoe alcaeoides* (Michx.) Gray
NPF 30 April 1997
Pink poppy mallow
infrequent, disturbed area
- Callirhoe digitata* Nuttall
var. *stipulata* Waterfall
ssp. *glabrescens* (Kuntze) Raven
NPF 29 May 1997
Fringed poppy mallow
infrequent, prairie
- Callirhoe involucrata* (Nutt.) Gray
NPF 29 May 1997
Winecup, cowboy rose
common, prairie
- Sida procumbens* Sw.
NPF 31 July – 10 Sept. 1997
Spreading sida
common, rocky upland
- Menispermaceae** (moonseed family)
- Cocculus carolinus* (L.) DC.
NWV 29 May 1997
Carolina snailseed
infrequent, floodplain forest
- Moraceae** (mulberry, fig family)
- Maclura pomifera* (Raf.) Schneider
NT 14 May 1997
Bois d'arc, osage orange
common, rocky upland
- Morus rubra* L.
NT 31 July 1997
Red mulberry
common, floodplain forest
- Oleaceae** (olive, privet, ash family)
- Forestiera pubescens* Nuttall
NS 28 Feb – 13 Mar 1997
Elbowbush
abundant, rocky upland
- Fraxinus americana* L., var. *Americana*
NT 30 April 1997
White ash
infrequent, rocky upland
- Fraxinus pennsylvanica* Marsh.
NT 31 July 1997
Green ash
common, floodplain forest
- Ligustrum sinense* Lour.
IS 29 May 1997
Privet
infrequent, disturbed area
- Onagraceae** (evening primrose family)
- Calylophus serrulatus* (Nutt.) Raven
NPF 14, 29 May 1997
Sundrops, plains yellow primrose
common, prairie, rocky upland
- Gaura longiflora* Spach.
NAF 20 Aug, 10 Sept. 1997
Common, prairie
- Gaura parviflora* Dougl. Ex Lehm

- NAF 31 July 1997
Velvety gaura
common, disturbed area
Gaura suffulta Engelm. Ex Gray
NAF 14 May – 18 Jun 1997
Beeblossom
common, rocky upland, prairie
Ludwigia peploides (H.B.K.) Raven
NAE 31 July – 10 Sept. 1997
Water primrose, water pennies
common pond margin
Oenothera linifolia Nuttall
NAF 14 May 1997
Flax-leaf evening primrose
common, rocky upland, prairie
Oenothera macrocarpa Nuttall
NPF 14 May 1997
Large-fruited evening primrose
infrequent, rocky upland
Oenothera speciosa Nuttall
NPF 29 May 1997
Showy evening primrose
common, prairie
Stenosiphon linifolius (Nutt.) Heynh.
NPF 10 Sept. 1997
Stenosiphon
common, prairie
- Ophioglossaceae** (grape fern, adder's-tongue family)
Botrychium virginicum (L.) Sw.
NPF 15 April – 29 May 1997
Virginia grape-fern
common, crosstimbers
Ophioglossum engelmannii Prandtl
NPF 30 April 1997
Limestone adder's tongue
common, rocky upland
- Orchidaceae** (orchid family)
Spiranthes cernua (L.) L.C. Rich.
NPF 8 October 1997
Nodding ladies'-tresses
infrequent, rocky upland
Spiranthes lacera Raffinesque
NPF 10 Sept. 1997
Slender ladies'-tresses
infrequent, prairie
Spiranthes magnicamporum Sheviak
NPF
Great plains ladies'-tresses
infrequent, seep
Spiranthes ovalis Lindl.
NPF
October ladies'-tresses
infrequent, prairie
- Orobanchaceae** (broomrape family)
Orobanche uniflora L.
NPF(*one, no voucher*) 29 April 2000
One-flowered broomrape
infrequent, floodplain forest
- Oxalidaceae** (oxalis family)
Oxalis corniculata L.
NPF 30 April 1997
Yellow wood-sorrel
common, disturbed area
Oxalis volacea L.
NPF 15 April 1997
Violet wood-sorrel
common, floodplain forest
- Passifloraceae** (passionflower family)
Passiflora incarnata L.
NPF 2 August 2001
Blue passionflower
infrequent, prairie
Passiflora lutea L.
NPF (not yet found, but predicted)
Yellow passionvine
infrequent, floodplain forest
- Phytolaccaceae** (pokeweed family)
Phytolacca americana L.
NPF 18 June 1997
Pokeweed
infrequent, disturbed area
- Plantaginaceae** (plantain family)
Plantago aristata Michaux
NAF 29 May 1997
Bottlebrush plantain
infrequent, prairie
Plantago lanceolata L.
IPF 29 May 1997
English plantain
infrequent, prairie
Plantago patagonica Jacq.
NAF 29 May 1997
Woolly plantain
infrequent, prairie
Plantago pusilla Nuttall
NAF April 1999
Dwarf plantain
infrequent, disturbed area
Plantago rugelii Dcne.
NPF 16 July 1993
Blackseed plantain
infrequent, prairie
Plantago virginica L.
NAF 29 May 1997
Paleseed plantain
common, prairie
- Platanaceae** (sycamore family)
Platanus occidentalis L.
NT 31 July 1997
Sycamore
common, floodplain forest
- Poaceae** (grass family)
Agrostis hyemalis (Walt.) B.S.P.
NPG 29 May 1997
Ticklegrass

- common, prairie
Aira elegantissima Schur.
IAG 14 May 1997
Hairgrass
infrequent, rocky upland
Andropogon gerardii Vitman
NPG 20 August 1997
Big bluestem
infrequent, rocky upland
Aristida dichotoma Michaux
NAG 8 October 1997
Churchmouse threeawn
infrequent, disturbed area
Aristida oligantha Michaux
NAG 10 Sept. 1997
Oldfield threeawn
common, disturbed area
Aristida purpurea Nuttall
NPG 14 May 1997
Purple threeawn
common, rocky upland
Bothriochloa saccharoides (Sw) Rydb
NPG 18 June 1997
Silvertop bluestem
common, disturbed area
Buteloua curtipendula (Michx.) Torrey
NPG 18 July 1997
Sideoats grama
infrequent, rocky upland
Bouteloua hirsuta Lag.
NPG 20 August 1997
Hairy grama
common, rocky upland
Bouteloua pectinata Featherly
NPG 20 August 1997
Tall grama
common, rocky upland, prairie
Bromus catharticus Vahl
IAG 30 April 1997
Rescue grass
infrequent, rocky upland, disturbed area
Bromus pubescens Muhl. Ex Willd.
NPG 14 May 1997
Canada brome
common, floodplain forest
Buchloe dactyloides (Nutt.) Engelm
NPG 14 May 1997
Buffalo grass
infrequent, prairie
Chasmanthium latifolium (Michx.) Yates
NAG 18 July – 10 Sept. 1997
Inland sea oats
common, floodplain forest, Crosstimbers
Coelorachis cylindrica (Michx.) Nash
NPG 29 May, 18 June 1997
Mousetail
common, disturbed area, prairie
Cynodon dactylon (L.) Pers.
IPG 29 May 1997
Bermuda grass
common, disturbed area
Dactylis glomerata L.
IPG 30 April - 29 May 1997
Orchard grass
common, disturbed area
Dicanthelium acuminatum (Sw.)
Gould & Clark
NPG 29 May & 10 Sept. 1997
Early panicum
common, disturbed area, prairie
Dicanthelium boscii (Poir.) Gould & Clark
NPG 14 May 1997
Bosc's panic
common, floodplain forest
Dicanthelium oligosanthes
Schult.) Gould var. *oligosanthes*
NPG 14 – 29 May 1997
Small panicgrass
infrequent, disturbed area, rocky upland, prairie
Dicanthelium sphaerocarpon (Ell.) Gould
NPG 14 May 1997
Leafy panicum
common, prairie
Digitata cognata (Schult.) Pilger
NPG 10 Sept. 1997
[*Leptoloma cognatum* (Schult.) Chase]
Fall witchgrass
common, floodplain forest
Echinochloa crusgalli (L.) Beauv.
IAG 20 Aug – 10 Sept. 1997
Barnyard grass
infrequent, pond margin
Eleusine indica (L.) Gaertn.
IAG 18 July 1997
Goosegrass
infrequent, disturbed area
Elymus virginicus L.
NPG 18 June 1997
Virginia wild rye
common, disturbed area
Erioneuron pilosum (Buckl.) Nash
NPG 30 April 1997
Hairy tridens
infrequent, disturbed area
Festuca arundinacea Schreb.
IPG 30 April – 14 May 1997
Meadow fescue
infrequent, disturbed area, floodplain forest
Hordeum pusillum Nuttall
NAG 29 May 1997
Little barley
infrequent, disturbed area
Koeleria macrantha (Ledeb.) J.A. Schultes
NPG 14 May 1997
Junegrass
infrequent, rocky upland
Leptochloa fusca (L.) Kunth
NPG 10 Sept. 1997
Bearded sprangletop
infrequent, pond margin
Lolium perenne L.
IPG 29 May 1997
Perennial ryegrass

- common, prairie
Muhelbergia reverchonii Vasey & Scrib.
NPG 20 Aug 1999
Seep muhly
infrequent, rocky upland
Muhlenbergia schreberii J.F. Gmel.
NPG
Nimblewill
infrequent, floodplain forest
Nassella leucotricha (T.& R.) Barkw.
NPG 14 May 1997
[*Stipa leucotricha* Trin & Rupr.]
Texas wintergrass
common, prairie
Panicum anceps Michaux
NPG 31 July 1997
Beaked panic
common, floodplain forest
Panicum capillare L.
NAG 18 July 1997
Witchgrass
infrequent, rocky upland
Panicum virgatum L.
NPG 10 Sept. 1997
Switchgrass
common, prairie
Paspalum dilatatum Poir.
IPG 18 June 1997
Dallis grass
common, disturbed area
Phalaris caroliniana Walt.
NAG 14 May 1997
Maygrass
infrequent, prairie
Poa annua L.
IAG 15 April 1997
Annual bluegrass
common, disturbed area
Poa pratensis L.
IPG 30 April 1997
Kentucky bluegrass
common, disturbed area
Schizachyrium scoparium (Michx.) Nash
NPG 20 August 1997
Little bluestem
common, rocky upland
Setaria geniculata (Lam.) Beauv.
NPG 18 June – 30 July 1997
Knotroot foxtail
common, disturbed area
Sorghastrum nutans (L.) Nash
NPG 10 Sept. 1999
Indiangrass
infrequent, prairie
Sorghum halapense (L.) Pers.
IPG 18 June 1997
Johnson grass
common, disturbed area
Sporobolus compositus (Poir) Merr.
[*Sporobolus asper* (Michx.) Kunth
NAG 28 Sept. 1999
Dropseed
infrequent, disturbed area
Sporobolus vaginiflorus (T.ex G.) Wood
NAG 10 Sept. 1997
Poverty dropseed
common, disturbed area
Tridens flavus (L.) Hitchcock
NPG 31 July 1997
Purpletop
common, floodplain forest
Tridens strictus (Nutt.) Nash
NPG 10 Sept. 1997
Longspike tridens
infrequent, pond margin
Tripsacum dactyloides L.
NPG 18 June 1997
Gama grass
infrequent, prairie
Vulpia octoflora (Walt.) Rydb.
IAG 8 October 1997
Poverty grass
common, disturbed area
- Polygalaceae** (milkwort family)
Polygala incarnata L.
NAF 31 July 1997
Pink milkwort
infrequent, prairie
- Polygonaceae** (buckwheat, knotweed family)
Eriogonum longifolium Nuttall
NPF 20 August – 8 Oct. 1997
Longleaf buckwheat
common, rocky upland, prairie
Polygonum hydropiperoides Michx.
NPF 8 October 1997
Mild water-pepper
infrequent, pond margin
Polygonum lapathifolium L.
NAF 10 Sept. 1997
Pale smartweed
infrequent, pond margin
Polygonum persicaria L.
NAF 20 August 1997
Lady's thumb
common, disturbed area
Polygonum punctatum L.
NAF 20 August 1997
Water smartweed
infrequent, pond margin
Rumex crispus L.
IPF 29 May 1997
Curly dock
common, riparian
Rumex hastatulus Baldw.
NAF 18 June 1997
Heartwing sorrel
common, disturbed area
- Portulacaceae** (portulaca family)
Claytonia virginica L.
NPF 28 March 1997
Spring beauty
common, rocky upland

Primulaceae (primrose family)

- Dodecatheon meadia* L.
var. *brachycarpa* (Small) Fassett
NPF 30 April 1997, 16 July 1993
Shooting star
common, rocky upland
Samolus parviflorus Raf
NAEF 14 May 1997
Smallflower brookweed
common, aquatic

Pteridaceae (bracken fern)

- Pellaea atropurpurea* (L.) Link.
NPF 29 May 1997
Purple cliff brake

Ranunculaceae (buttercup, larkspur family)

- Anemone berlandieri* Pritz
NPF 28 March, 14 May 1997
Ten-petal windflower
infrequent, rocky upland, prairie
Delphinium carolinianum Walt
NPF 14 - 29 May 1997
Ssp. *Virescens* (Nutt.) Brooks
Plains larkspur
common, prairie
Ranunculus hispidus Michaux
NPF 30 April 1997
Bristly buttercup
infrequent, disturbed area

Rhamnaceae (buckthorn family)

- Berchemia scandens* (Hill) K. Koch
NWV 14 May 1997
Rattan vine
common, disturbed area, forest edges
Ceanothus herbaceus Raffinesque
NS 30 April 1997
New Jersey tea
infrequent, rocky upland
Fragula caroliniana (Walt.) Gray
NT 29 May 1997
[*Rhamnus caroliniana* Walt.]
Indian cherry
common, rocky upland, Crosstimbers, forest

Rosaceae (rose family)

- Agrimonia pubescens* Wallr.
NPF 20 August 1997
Downy agrimony
infrequent, floodplain forest
Agrimonia rostellata Wallr.
NPF 28 Sept. 1999
Beaked agrimony
infrequent, floodplain forest
Crataegus crus-gallii L.
NST 30 April 1999
Cockspur hawthorn
infrequent, rocky upland
Crataegus mollis (T. & G.) Scheele
NT 10 Sept. 1997

- Downy haw
infrequent, rocky upland
Fragaria virginica P. Mill.
var. *illinoensis* (Prince) Gray
NPF 15 April 1997
Wild strawberry
infrequent, crosstimbers
Geum canadense Jacq.
NPF 29 May 1997
White avens
infrequent, crosstimbers
Prunus angustifolia Marsh.
NS 13 March 1997
Chickasaw plum
infrequent, rocky upland
Prunus mexicana Wats.
NT 13 March 1997
Mexican plum
common, crosstimbers
Prunus serotina Ehrh.
NT 18 July 1997
Wild cherry
infrequent, crosstimbers
Pyrus communis L.
IT 28 March 1997
Common pear
infrequent, rocky upland
Rosa foliolosa Nuttall
NPF 18 June 1997
Prairie rose
infrequent, rocky upland
Rosa carolina L.
NS 14 May 1997
Swamp rose
common, pond margins
Rosa setigera Michaux
NS 18 June 1997
Climbing prairie rose
common, rocky upland
Rubus flagellaris Willdenow
NS 15 April 1997
Northern dewberry
common, disturbed area

Rubiaceae (madder, coffee family)

- Cephalanthus occidentalis* L.
NS 31 July 1997
Buttonbush
infrequent, seep
Diodia teres Walt.
NAF 20 August 1997
Poor-Joe
infrequent, rocky upland
Galium circaeans Michaux
NPF 14 - 29 May 1997
Weedy bedstraw
infrequent, floodplain forest
Galium virgatum Nuttall
NAF 14 May 1997
Southwest bedstraw
infrequent, rocky upland

- Hedyotis crassifolia* Raffinesque
NAF 13 March 1997
Prairie bluets, Quaker ladies
common, rocky upland
- Rutaceae** (citrus family)
Ptelea trifoliata L.
NST(fruit) 10 Sept. 1997
Hop tree, wafer ash
infrequent, rocky upland
Zanthoxylum americanum Miller
NS 30 April 1997
Prickly ash
common, crosstimbers
Zanthoxylum clava-herculis L.
NT (no flrs) 10 Sept. 1997
Hercules' club
infrequent, old homesite
- Salicaceae** (willow, cottonwood family)
Populus nigra L.
NT Not collected: need specimen
Cottonwood
infrequent, floodplain forest
Salix nigra Marsh
NT 30 April 1997
Black willow
infrequent, riparian, pond margin
- Sapotaceae** (sapodilla family)
Sideroxylon lanuginosum Michaux
NT 18 July 1997
[*Bumelia lanuginosa* (Mix.) Pers
Chittanwood
common, rocky upland
- Scrophulariaceae** (penstemon family)
Agalinis fasciculata (Ell.) Raf.
NAF 10 Sept. 1997
Beach gerardia
abundant, disturbed area
Castilleja indivisa Engelman
NAF 15 April 1997
Indian paintbrush
common, rocky upland
Nuttallanthus texanus (Scheele) D.A.Sutton
NAF 15 April 1997
[*Linaria texana* Scheele]
Texas toadflax
common, rocky upland
Penstemon cobraea Nuttall
NPF 14 May 1997
Large beardtongue
common, rocky upland
Penstemon oklahomensis Pennell
NPF 14 May 1997
Oklahoma penstemon
infrequent, prairie
Veronica arvensis L.
IAF 15 April 1997
Common speedwell
infrequent, mowed meadow
Veronica peregrina L.
- NAF 15 April 1997
Purslane speedwell
common, mowed meadow
- Smilacaceae** (greenbrier family)
Smilax bona-nox L.
NWV 14 May 1997
Greenbrier, cat's claw
common, rocky upland
Smilax rotundifolia L.
NWV 30 April 1997
Greenbrier
infrequent, floodplain forest
- Solanaceae** (nightshade, potato family)
Physalis angulata L.
NAF 18 June 1997
Cutleaf ground cherry
common, disturbed area
Solanum carolinense L.
NPF 18 June 1997
Carolina horsenettle
infrequent, disturbed area
Solanum dimidiatum Raffinesque
NAF 18 June 1997
Horsenettle
common, disturbed area
Solanum rostratum Dunal
NAF 18 June 1997
Buffalo bur
infrequent, disturbed area
- Typhaceae** (cattail family)
Typha angustifolia L.
NPEF 18 June 1997
Narrowleaf cattail
infrequent, aquatic
- Ulmaceae** (elm, hackberry family)
Celtis laevigata Willdenow
NT 31 July 1997
Sugarberry
common, floodplain forest
Celtis reticulata Torrey
NT 18 July 1997
Roughleaf hackberry
common, rocky upland
Ulmus alata Michaux
NT 28 Feb 1997
Winged elm
common, rocky upland, crosstimbers
Ulmus americana L.
NT 13 March 1997
American elm
infrequent, floodplain forest, rocky upland
Ulmus rubra Muhlenberg
NT 28 Feb 1997
Slippery elm
common, crosstimbers

Urticaceae (nettle family)

Parietaria pennsylvanica Muhl.
NAF 29 May 1997
Pennsylvania pellitory
common, floodplain forest

Valerianaceae (valerian family)

Valerianella radiata Dufr.
NAF 30 April 1997
Beaked cornsalad
infrequent, rocky upland

Verbenaceae (vervain family)

Glandularia bipinnatifida Nuttall
NAF 15 April 1997
[*Verbena bipinnatifida* Nuttall]
Sweet William
common, rocky upland
Verbena stricta Ventenat
NPF 18 June – 31 July 1997
Wooly vervain
common, disturbed area
Verbena urticifolia L.
NAF 18 June 1997
White vervain
infrequent, floodplain forest

Violaceae (violet family)

Viola bicolor Pursh
NAF 13 March 1997
Johnny-jump-up
common, mowed meadow

Viola sororia Willdenow
NPF 28 March 1997
Butterfly violet
common, floodplain forest

Viscaceae (mistletoe family)

Phoradendron leucarpum (Raf.)
Reveal & Johnston
NP% @S 13 March 1997
Mistletoe
infrequent, crosstimbers

Vitaceae (grape family)

Ampelopsis cordata Michaux
NWV 18 July 1997
Raccoon grape
infrequent, crosstimbers pond margin,
disturbed area
Cissus incisa (Nutt.) Des Moulins
NWV 29 May 1997
Possum grape
infrequent, rocky upland
Parthenocissus quinquefolia (L.) Planch
NWV 31 July 1997
Virginia creeper
common, ravine, floodplain forest,
crosstimbers
Vitis aestivalis Michaux
NWV 18 July 1997
Pigeon grape
infrequent, disturbed