



Kansas Native Plant Society

FALL NEWSLETTER



KNPS ANNUAL MEETING 2005 COMMANCHE COUNTY—A MEMORY TOUR

By Nancy Goulden

This is one we'll be talking about for a long, long time. The line of vans and cars driving along the sandy roads or through the grassy pastures, separated by clouds of dust, braking for cattle crossing the road, and then eagerly stopping at our next site. Pouring out of the vehicles and spreading out like ants leaving a

disturbed ant hill in a frenzied quest to find plant treasures, crowding around Craig Freeman and our other experts, asking, asking, asking. Feeling the excitement of finding a "new" plant for the first time and adding it to one's Life List. Sitting at the tables at Buster's, surrounded by others who are also passionate about native plants, awed by the massive slabs of ribs, listening to Krista Dahlinger's sweet, sad music from the fiddle and mandolin. Browsing through the Silent Auction, hurrying back to see if someone had

already topped our bid. Having an efficient business meeting where we quickly decided on plans for next year's meeting. Learning about the Comanche Pool and history of the area, checking out the photo display. Meeting old friends and making new ones; enjoying the hospitality of the friendly and helpful people of the area, who let us

explore on their land, treated us kindly (they even dried Jeff Hansen's rain-soaked sleeping bag at the motel where he took refuge from the

wild storms on Friday night), and made it possible for us to have a spontaneous pizza party Saturday night. Falling in love with the variations and glitter of gypsum and the magnificent views and vistas of the Red Hills, knowing we had had a special weekend, in a special place, with a very special group of people. This is one we'll remember for a long, long time.



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The tired, but still eager and happy group poses for a picture Saturday afternoon.

Photography by Valerie Wright

The Kansas Native Plant Society Newsletter is printed four times a year: Winter (January), Spring (April), Summer (July), Fall (October). The deadline for submitted material is the 15th of December, March, June and September.



The Kansas Native Plant Society encourages the conservation and enjoyment of and education about the native plants of Kansas.

Wildflower Wanderings

by Valerie Wright,
President, KNPS

With this issue of the KNPS newsletter I wander into the future as your "Past President". After two years of rewarding work with a great KNPS Board, it feels good to say, "We accomplished something." Membership numbers have increased both years. The best year was 2005 with more than 80 new members and perhaps more to come before December 30. The Board is filled with new talent and diligently working on great activities, events and information for your benefit. Our events have always been free of charge and open to the public. We hope to keep them that way. So we now have a budget process to help us understand what the costs actually are. The Board has agreed to try some fund raising through sales of

logo items, such as t-shirts and caps, and through a silent auction at the annual meeting. The scholarship fund will continue to support deserving students in their endeavors to understand Kansas' native plants.

Conservation will be an important issue in the future. Although Kansas has healthy ecosystems throughout the state, conserving the diversity of our native plants will become more and more critical as development projects and alternative land management practices affect local habitats. Throughout Kansas there are unique sites for certain native species. For example, the area around Coldwater, where the annual meeting was held, had an amazing array of plants not found in other parts of the state. Some of these are showy and attractive enough to deserve a place in our gardens. Others may have practical uses we have yet to study. All of them have a place in Nature's

web of life.

One of the great positive outcomes of the past two years has been the staging of the annual meeting in different parts of the state. The outings associated with these meetings have given us valuable insights into the diversity of native plants in Kansas and some of the conservation issues of the region. The 2004 meeting in Sedan highlighted the Cross Timbers region, its ancient botanical history and the effect of fragmentation on the local flora and fauna. The 2005 meeting in Coldwater documented the dangers of invasive species, like the Eastern Red Cedar, and how ranchers are struggling to reclaim their grazing lands with tree cutting and fire. Next year we will learn about a very different part of our state, Northeastern Kansas. Join us there in September 2006. I'll see you then, if not before.

KNPS Elections Held

by Craig Freeman

Seven new members were elected to the Board of Directors of the Kansas Native Plant Society at the 27th annual meeting of KNPS on October 1, 2005, in Coldwater, Kansas. New board members, each elected to a three-year term, are:

Iralee Barnard – Hope;
Fred Coombs – Holton;
Nancy Coombs – Holton;
Donna Cooper – Hays;

Ann Feyerharm – Manhattan;
June Kliesen – Wilmore;
Frank Norman – Lawrence.

They replace seven outgoing board members with 75 years of combined service:

Roger Boyd – Baldwin City (14 years);
Sheldon Cohen – Topeka (21 years);
Lorna Harder – Hesston (11 years);
Lorrie Parrish – Pittsburg (5 years);
Anita Smith – Fredonia (6 years);

Sandra Tholen – Wichita (3 years);
Stephen Timme – Pittsburg (15 years).

Officers elected by the KNPS board each to serve 1-year terms were:

Cynthia Ford, Secretary – Pittsburg;
Sr. Patricia Stanley, Treasurer – Bel Aire;
Michael Heffron, President Elect – Eureka;
Jeff Hansen, President – Topeka

ORDER YOUR TEE SHIRT TODAY!

By Anita Smith

Lightbulbs flashed and shutters clicked as rugged Michael Heffron and brawny Frank Norman modeled the brand new Kansas Native Plant Society tee-shirt at the annual meeting in Coldwater earlier

this month. The crowd cheered and applauded as the light-weight khaki colored shirt with the KNPS logo on the left chest passed for view. Everyone agreed that the versatile shirt was the perfect choice to be worn for an afternoon foray or the next committee meeting.

Sizes range from small to XXL and may be ordered from chairperson, Krista

Dahlinger. At \$15 each, the shirts in-stock will go quickly. Order yours today by e-mailing kskld@hotmail.com. They'll make terrific holiday gifts for everyone on your list. All proceeds will be used to further the programs of the Kansas Native Plant Society.

Members Find Multiple Rewards on Friday Foray in the Gypsum Hills

By Michael Heffron

On September 30, 2005, after a warm welcome from the Coldwater Chamber of Commerce that opened the KNPS Annual Meeting, an enthusiastic group of approximately 30 KNPS members and guests carpoled to a scenic area in the Gypsum Hills of Comanche County near Belvedere and Sun City. The foray was officially led by Ken Bunsen from the Kansas Wildlife & Parks and Stan Roth from the Kansas Biological Survey. The presence of gypsum, which is chemically calcium sulfate (apparently used in plaster-of-paris and sheet rock) contributes to the uniqueness of this ecosystem located in southwestern Kansas. While traveling to the viewing areas the redness of the soil, the rolling hills, and the plethora of broomweed reminded one of a Hollywood setting for a John Wayne western movie.

At first glance from the road, there did not appear to be much plant diversity amongst the ubiquitous broom-

weeds and silver bluestems that blanketed the red hills. But a few steps into the sea of broomweed and silver bluestem many botanical surprises were quickly revealed. Those “planters” from more eastern parts of Kansas sighted familiar plants such as catclaw sensitive brier, snow-on-the-



Ken Bunsen from Kansas Wildlife and Parks provides an introduction to the area.

mountain, purple poppy mallow, curly-cup gumweed, dotted gayfeather, stenosisiphon, blue sage, Louisiana sagewort, aromatic aster, little bluestem, hairy grama, blue grama, side-oats grama, and tall dropseed. Plants less familiar to those from eastern

Kansas included devils’s claw, cutleaf ironplant, Riddell ragwort, wooly locoweed, silver nightshade, western ragweed, nine-anther prairie-clover, purple ground-cherry, and big-head rabbit-tobacco, a *Portulaca*. Some participants also saw various mammals and birds such as armadillos and prairie dogs, and lesser prairie chickens and road runners.

As the warmth and sunshine of the day began to diminish and the lure of a warm tasty meal from Sun City’s famous Buster’s grew overwhelming, the inspired group of Kansas planters reluctantly stumbled down the red hills and across the more secure flatter surfaces to their vehicles. Even though they were begrudgingly departing the natural beauty of this scenic portion of the Gypsum Hills they all took with them some of that beauty and the warm feelings of another day enjoying Kansas native plants. They all knew that through the loyal efforts of KNPS there would be many more exciting days sleuthing the vast array of native plants with which Kansas is blessed.

Silent Auction - A Success

by Krista Dahlinger

On Saturday morning, October 1st, the first KNPS Silent Auction was held. Notice had been posted in the newsletter requesting items be brought to the Annual Meeting and donated to the Silent Auction event. Fifty-four items were bid on during break-time from the morning meeting, and sales totaled \$624!

Items ranged from baskets to dried flower wreaths, books, prints, visors, hats, totes, note cards, soup mugs, a stepping stone, finger puppets, teddy bear and a basket of pears. There were many beautiful (and some



tasty) items made by the hands of our membership. Six jars of jelly brought a total of \$34. The two dried wreaths brought \$50. Three dozen cookies brought in \$27. The item that received

the most bids (9) was Myrna Campbell’s “Little Bluestem” glycee print. The most active bidders were Anita Smith and Frank Norman.

Everyone received a bargain with their winning bid, and buyers and donators both helped fund future KNPS activities. Thanks to everyone for making our Silent Auction a success.

The Silent Auction captured the attention of all who attended. Some of the variety of items offered can be seen here.

Photography by Nancy Goulden

Animals, Birds, and Rocks Also Spotted on Forays

Animals, Birds, and Rocks Also Spotted on Forays

Attendees at the Annual Meeting on the plant outings got an extra bonus--a number of animals, birds, rocks and minerals were also seen during the three trips through Comanche and Barber Counties. Check the lists below.

Foray near Belvidere & Sun City September 30, 2005

Animals:

Armadillo (*Dasypus sp.*)

Lesser prairie-chicken (*Tympanuchus pallidicinctus*)

Prairie dog (*Cynomys sp.*)

Roadrunner (*Geococcyx sp.*)

Foray to Nescatunga & the Merrill Ranch October 1, 2005

Animals:

Black-tailed Jackrabbit (*Lepus californicus*)

Quail (*Callipepla sp.*)

Scissortail flycatcher (*Muscivora forficata*)

Caravan to Lake Coldwater, Deerhead & Flower Pot Mound in Barber County October 2, 2005

Animals:

Wild turkey (*Meleagris gallopavo*)

Scissortail flycatcher (*Muscivora forficata*)

Five-spotted Hawk Moth (*Manduca quinquemaculata*) on purple ground-cherry (*Quincula lobata*)--the specimen Valerie Wright took home pupated in a few days, but died in the process

Minerals and Rocks:

Flower-pot Shale (hard - holds up to erosion, at top of Flower-pot Mound)

Gypsum (used in sheet rock and plaster of Paris)

Photo Contest and Display at Annual Meeting

By Marion McGlohon

Interesting and unusual groupings and new categories in the annual KNPS Photo Contest led to a colorful competition display at the meeting in Coldwater. A mix of closeups and long shots captured the essence of the various plants chosen by the photographers. Blue ribbons were awarded to Mary Nevin for her high-definition closeup of a whole plant sprout, to Nancy Goulden for a closeup of flannel

mullein leaves (*Verbascum thapsus*) to Krista Dahlinger for several flowers of a habitat, and a picture of twist flower



(*Streptanthus hyacinthoides*) taken by Amy Zavala of Fort Hays University and submitted with her permission by Phyllis Scherich. The judges also awarded Best of Show to the Comanche Pool Prairie Resource Foundation for their spectacular photo of a cedar tree caught in full blaze during a burning.

It is always an enjoyment to see others' success with recording their flower and plant sightings. Plan to share yours at the next Fall Meeting.

New Members 6/05 to 10/05

Ken Brunson - Pratt

Linda Chancellor - Overland Park

Katherine V. Conkling - Arlington

Carolyn Grier - Wichita

Gail Hardshaw & Tom Riggle - Fredonia

R. Clay Harvey - Topeka

Stan Kaufman - San Francisco, CA

Lakewood Discovery Center - Salina

Bonnie Nold - Augusta

Tyler Parker - Rose Hill

Elizabeth Petroske - Kansas City

Cindy Quinlan - Manhattan

Bill & Donna Schenck-Hamlin - Manhattan

Dave & Julie Seveland - Linwood

Elizabeth Shanklin-Reed - Wichita

Marie Sockett & Jeff Wilson - Lawrence

Jeffrey Edward South - Torrance, CA

Jack A. Suit - Chanute

Kit Turner - ElDorado

Glen & Virginia Vick - Arkansas City

2004-2005 Kansas Area Wildflower & Native Plant Events

Information provided by Kansas Wildflower Society, R.L.McGregor Herbarium, 2045 Constant Ave., Lawrence, KS 66047-3729.

Online: [www.cs.Hesston.edu/kws] Email: <kansaswildflowers@yahoo.com> Phone: (785) 864-3453.

Please share this information with other interested folks and contact us with information on other events to note. Thank you!

For outdoor events we recommend bringing sturdy footwear, long pants, insect repellent, sunscreen, a hat and water!

November 5: To Battle! KC Wildlands Fall Community Restoration Workday, 9am to noon. Our largest workday will focus on removing invasive honeysuckle from several sites in the Kansas City region. This is a great Group Workday! Long pants, sturdy shoes and a hat are strongly recommended. Insect repellent, gloves and drinking water are supplied. Contact Linda Lehrbaum for questions or to register. <linda@bridgingthegap.org> (816) 561-1061 x116

November 12: Sierra Club Trail Maintenance at Perry Lake. <steve.hassler@kansas.sierraclub.org> (913) 707-3296

November 19: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

December 3: Sierra Club Hike at Indian Creek. <anne.mcdonald@kansas.sierraclub.org> (913) 384-6645

2006 Events:

January 21: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

February 18: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

March 18: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

April 15: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

April 22nd & 29th: Missouri Prairie Foundation Spring Plant Sales 7am - noon. Location: City Market, 5th & Walnut, Kansas City, MO. [http://www.moprairie.org] (888) 843-6739



May 13: Barber County Spring Wildflower Tour. Meet at the Medicine Lodge High School at 8:30am for registration. Enjoy a continental breakfast and short slide presentation with some of the flowers we expect to see on the tour. School buses will take us to the first plant identification sight. Morning tour participants will return to the school at noon. Full day tour participants will travel to a tree-shaded country park for a delicious barbeque lunch and spirited entertainment. After lunch take a short ride through the beautiful gyp hills to a second site. Afternoon refreshments will be served before we ride back to the school around 3:30pm. Barber Co. Conservation District and Kansas Native Plant Society are co-sponsors. The half day tour (\$6) includes breakfast and transportation to and from one site. The full day tour (\$12) includes all above, second identification stop, lunch, and afternoon refreshments. **Pre-paid reservations should be sent before May 8th.** Order your Barber County Wildflower Tour t-shirt (\$10) now! Barber Co Conservation Office, 800 W. 3rd Ave. Medicine Lodge, KS 67104-8002, phone (620) 886-3721, ext. 3.

May 20-21: FloraKansas: Great Plains Plant Bazaar. The largest native plant sale in Kansas features hard-to-find native perennials, shrubs and trees plus fun 'gardenabilia'. Saturday offerings: classes, demonstrations, and tours from professionals. Contact the Arboretum about becoming a member and special members only sale dates. Admission charge is by donation. Location: Dyck Arboretum of the Plains, 177 West Hickory Street, Hesston, KS. Hesston is 30 miles N of Wichita. [www.dyckarboretum.org]

May 20: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775



June 3: The 11th annual Wilson County Wildflower Tour is in southeast KS. Gathering at Fredonia High School, 916 Robinson, at 8:30am, we'll enjoy home baked cinnamon rolls, browse booths of interest, and receive WC Wildflower Tour lanyards and bottled water. At 9am we'll caravan to the picnic site where vehicles may be left. Buses will take us to the wildflower sites where leaders will guide us in plant identification, give historical interpretations of the area and explanations of the ecological significance of the sites. More experienced enthusiasts may opt to enjoy a self-guided tour. A picnic lunch will be served, followed by music of the prairie by a regional singer/songwriter, a challenging plant jeopardy game, and more. Wilson County Conservation District and Kansas Native Plant Society are co-sponsors. **Prepaid reservations of \$8/person are due May 31:** Wilson County Conservation, 930 N. 2nd St, Fredonia, KS 66736-2105. (620) 378-2866

June 3-4: Maxwell Wildlife Refuge Prairie Days 9am-4pm. Celebrate the prairie, buffalo tours, stagecoach rides, mountain man camps, traders, demonstrations, wildflower and bird walks, cowboys, crafts, and music. Admission is \$1.00. The Refuge is located 6 miles north of Canton, KS. [<http://www.cyberkraft.com/maxwell>] <bernie@wwwwebservice.net> (620) 628-4455

June 10: Symphony in the Flint Hills at the Tallgrass Prairie National Preserve near Strong City, KS. Governor Kathleen Sebelius, Honorary Chair of this inaugural concert, will take the stage to welcome the anticipated audience of 6,500 to celebrate this unique pairing of music and prairie. The Kansas City Symphony with a 100-voice chorus, an orator and the Paul Winter Consort, well known for its music recorded in natural spaces, will perform Grasslands: Prairie Voices, a symphony written by Kansas native, Eugene Friesen, who is the cellist with the Consort. The vision of this concert is to heighten appreciation and knowledge of the Flint Hills as the last major intact tallgrass prairie on the North American continent and will help focus attention on the Flint Hills of Kansas as a national treasure belonging to all Kansans and as a destination for people beyond our borders.

Special accommodations will be provided for disabled persons. There will also be an American Sign Language signer for the concert. The Nature Conservancy of Kansas is sponsoring this event. [<http://www.nature.org/kansas/>] Event Coordinator: Emily Hunter (620) 273-8955



June 11: Friends of Konza Prairie Annual Wildflower Walk, 7pm. The walk will be co-lead by Valerie Wright, Kansas Native Plant Society Past President, and Konza Docents. Meet at the Konza Biological Station located along McDowell Creek Road, west off of KS177 near Manhattan, KS [<http://www.ksu.edu/konza/keep>] (785) 587-0381.

June 17: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

July 15: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775

August 19: Volunteers are needed for prairie maintenance and preservation projects. Assist the Grassland Heritage Foundation Groundhogs, 3rd Saturday every month except December [www.grasslandheritage.org]. Wear appropriate clothing. No special skills or tools needed. <frank.norman@appliedeco.com> (785) 887-6775



September 8-10: Kansas Native Plant Society's 28th Annual Meeting will be held in the northeast region of Kansas. Mark your calendar! Contact Kansas Native Plant Society for more information. <kansaswildflowers@yahoo.com> (785) 864-3453

Photo Gallery



Pitcher's Sage

Photography by Krista Dahlinger



Closeup of flannel mullein leaves (*Verbascum thapsus*)

Photography by Nancy Goulden



One exciting find was the ladies'tresses on the Merrill Ranch—at the far western range of the plant. Perhaps two species were found in the same area. This picture shows *Spiranthes cernua*. We all enjoyed the enchanting fragrance of it. One "dramatic" gentleman, upon sniffing it, was overheard to say, "I think I am falling in love!"



President Valerie Wright conducts the membership business meeting. We want to thank and commend her for her excellent leadership the past two years.

Photography by Phyllis Scherich

Photo Gallery



On the last stop on Sunday near Flower Pot Mound, the plant hunters still have the energy and enthusiasm to swarm up one more hill. It was worth it.

Photography by Nancy Goulden

June Kleisen led the caravan on her four-wheeler through tall grass, down stream banks and through the creek to a wooded area with more great plant finds just before sunset on Saturday evening.

Photography by Valerie Wright



Phyllis Scherich, Jane Freeman, and Craig Freeman help with preparations for the “Welcome to Coldwater” reception by the Chamber of Commerce in Heritage Park Friday Afternoon.

Photography by Valerie Wright



Participants share their treasures. Hornworm collected from a purple ground cherry on a slab of eisenglas bonded to a layer of Flower Pot shale, small pieces of gypsum rock, an *Ipomopsis longiflora*, and a fruit from the prickly pear cactus being squeezed to expose the contents. Photography by Phyllis Scherich



Wild for Wildflowers? Orchids of Kansas

Dr. Stephen Timme
T. M. Sperry Herbarium
Pittsburg State University

When one thinks about orchids, Kansas is likely far down one's list of Midwestern states for harboring this interesting group of plants. The orchids belong to the family Orchidaceae, one of the largest plant families in the world with some 775 genera and at least 19,500 species. The genus *Pleurothallis*, a tropical species, encompasses more than 1000 species.

The orchid flowers are highly variable in both shape and color. They are bisexual and become twisted 180° during development. There are 3 distinct sepals or they may be fused together, and generally look like petals. There are also 3 petals with the median petal differentiated from the 2 lateral ones and forming

a lip. The 2 lateral petals are often similar to the sepals. Pollen is formed in mass called pollinia. The fruit is a capsule with 100s to 1000s of seeds.

In Kansas, there are 11 genera comprising 19 species. The largest genus in the state is *Spiranthes* (the illustration is *Spiranthes cernua* (L.) Rich. As far as known, no orchids have been found beyond a line extending from Comanche County north to Phillips County, where *S. cernua*, a late summer early fall prairie species, has been collected. The northeastern part of the state harbors the majority of species.

Orchids are mostly grown under greenhouse conditions. But one species that occurs in Kansas, *Cypripedium parviflorum* Salisb., is available from some nurseries that carry native plants. Their success under cultivation is often limited to just a few years. Other than being grown

for ornamental use, only the vanilla orchid has any other important commercial use. It is the source of cooking vanilla. But since pure vanilla is expensive, many people use the much cheaper imitation vanilla. Some species of orchids, but particularly the vanilla orchid, are also being used in perfumes, shampoos, soaps and other body products.



A Bonanza of Plants Found During Annual Meeting

Compiled by Shirley Braunlich

Annual Meeting participants who went home feeling as if their heads were about to explode from all the plants they had seen and tried to identify had a good reason for that feeling. Once the list of plants sighted on the three forays (Friday Belvidere/Sun City; Saturday Nescatunga/Merrill Ranch; Sunday Flower Pot Mound) were compiled, we came up with a whooping 133 species that had been sighted and identified by seven enthusiasts who generously shared their lists (Shirley Braunlich, Craig Freeman, Frank Norman, Evelyn

Reed, Phyllis Scherich, Ruth Steinke, and Sandra Tholen).

Below is a selected list of some of the more showy plants, those that are extremely rare in this area and those that have been identified as plants that should be targeted for conservation because of their low tolerance for human-related disturbance and high fidelity to natural plant communities. (See Michael Heffron's account for more plants sighted on Friday and the KNPS website [www.kansasnativeplantsociety.org] for the full list.)

Plants with high coefficients of conservatism: *Agalinis aspera* (rough agalinis); *Eragrostis secundiflora* (red love grass); *Ipomopsis longiflora* (long-flower ipomopsis); *Mentzelia decapetala* (ten-petal mentzelia).

Plants rare in Kansas: *Flaveria campestris* (alkali yellowtop)—known from only 6 sites in Kansas. *Samolus ebracteatus* (bractless water-pimpernel)—known from only from 2 sites in Kansas.

Selected Showy plants:

<i>Argemone polyanthemus</i>	prickly-poppy	<i>Mentzelia nuda</i>	sand lily
<i>Aster fendleri</i>	Fendler's aster	<i>Monarda citriodora</i>	lemon bee balm
<i>Astragalus missouriensis</i>	Missouri milk-vetch	<i>Oenothera grandis</i>	large-flower cut-leaf evening-primrose
<i>Astragalus mollissimus</i>	woolly milk-vetch	<i>Oenothera macrocarp</i>	Oklahoma evening-primrose
<i>Chamaecrista fasciculata</i>	showy partridge-pea	(subsp. <i>oklahomensis</i>)	
<i>Cirsium undulatum</i>	wavy-leaf thistle	<i>Opuntia macrorhiza</i>	Plains prickly pear
<i>Cleome serrulata</i>	Rocky Mountain beeplant	<i>Penstemon cobaea</i>	cobaea beardtongue
<i>Coryphantha vivipara</i>	pin-cushion cactus	<i>Polanisia dodecandra</i>	clammyweed
<i>Dalea aurea</i>	golden prairie-clover	<i>Portulaca pilosa</i>	pink or hairy purslane
<i>Engelmannia pinnatifida</i>	Engelmann's daisy	<i>Sophora nuttalliana</i>	silky sophora
<i>Eryngium leavenworthii</i>	Leavenworth's eryngo	<i>Solidago petiolaris</i>	downy goldenrod
<i>Eustoma grandiflorum</i>	showy prairie-gentian	<i>Sphaeralcea coccinea</i>	scarlet globe-mallow
<i>Helianthus petiolaris</i>	plains sunflower	<i>Spiranthes cernua</i>	nodding ladies'-tresses
<i>Heterotheca villosa</i>	hairy-golden aster	<i>Spiranthes magnicamporum</i>	Great Plains ladies'-tresses

KANSAS NATIVE PLANT SOCIETY

R.L. McGregor Herbarium
University of Kansas
2045 Constant Ave
Lawrence, KS 66047-3729

Phone: (785)864-3453

Email: kansaswildflowers@yahoo.com



**Kansas
Native
Plant
Society**

Address Service Requested

We are on the Web
www.kansasnativeplantsociety.org

Membership Information



**Kansas
Native
Plant
Society**

MEMBERSHIP APPLICATION AND RENEWAL

Annual dues are for a 12-month period from January 1-December 31. Dues paid after December 1 are applied to the next year.

Name:	
Address:	
City/State:	
Zipcode:	
Phone:	
E-Mail:	

Check membership category desired:

- | | | |
|--------------------------|--------------|----------|
| ☐ | Student | \$5.00 |
| ☐ | Individual | \$15.00 |
| ☐ | Family | \$20.00 |
| ☐ | Organization | \$20.00 |
| ☐ | Contributing | \$100.00 |
| ☐ | Lifetime | \$500.00 |

Check membership category desired:

Please complete this form or a photocopy of it. Send the completed form and a check payable to the Kansas Native Plant Society to:

Kansas Native Plant Society
R.L. McGregor Herbarium
2045 Constant Avenue
Lawrence, KS 66047-3729

A membership in the Kansas Native Plant Society makes a great gift for friends and family members. Recipients of gift memberships will receive notification of your gift membership within two weeks of receipt of your check by the KNPS Administrative Office.

The Kansas Native Plant Society is a 501(c)3 non-profit organization. Gifts to KNPS are tax deductible to the extent provided by law.