Gaillardia

The Oklahoma Native Plant Society Newsletter

The purpose of the Oklahoma Native Plant Society is to encourage the study, protection, propagation, appreciation and use of Oklahoma's native plants.

Volume 16, Number 1
Spring 2001

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COPY AND ART DEADLINE
FOR NEXT ISSUE IS
15 May 2001

CALENDAR

Note: the events dated below are identified by either a page number where the event is fuller described or the name of the contact person for that event.

March 3: Cross-Timbers outing, followed by lunch in Hominy – Contact Connie Murray at 918-664-2896, 918-595-7257 (work).

March 10: C-T chapter meeting, Page 9

March 12: NE Chapter meeting, Tulsa Garden Center, 6:30 p.m., Dr. Estelle Levetin, University of Tulsa faculty of Biological Science, will be presenting a program on Fungi of Oklahoma. Page 8

March 16: NE Chapter Happy Hour, 5:30 p.m. Contact Jim Elder at 918-747-0735, NOTE: Additional Happy Hours are scheduled for April 20, May 18, and June 15

March 16: Central Chapter, Adam Ryburn, OSU Graduate Assistant, "History of Echinacea", Page 9.

March 31: Central Chapter, Field Trip to a parcel of unplowed prairie between Norman and Noble, Page 9.

April 28: State Spring Field Trip, Chickasha National Recreation Area (alias, Platt National Park), Sulphur, OK, meeting at 10:00 a.m., Connie Taylor

May 7: NE Chapter meeting, Tulsa Garden Center, 6:30 p.m. program to be announced.

May 11-12:, Friday-Saturday,. Wildflower Workshop, Joanne Orr of ODOT, Page 6.

May 19: Pontotoc Ridge outing – contact Jim Elder – 918-747-0735

June 2: Central Chapter, Cleveland County Garden Tour: Gardens of Coley, Skeeter-Cruz, and Bergey, Page 9.

June 9: Charles Lewallen's backroads trip, Henryetta, contact Charles at 918-652-3003

June 23: Rocky Ford Park, Tahlequah, contact Charles Lewallen at 918-652-3003. Be prepared to get your feet wet, bring boots.

June 30: Central Chapter, Wichita Mountains Visitor Center and botanizing in the immediate area, Page 9.

June 30: Oklahoma Native Plant Society Board Meeting, Tulsa Garden Center, Pat Folley

Note: all members are invited to all chapter field trips and meetings, including board meetings, and are encouraged to bring guests.

ONPS THANKS THESE SPECIAL FUND CONTRIBUTORS

Anne Long Fund
Mary D. Price
Helen Hodges
Chad & Pat Cox
Constance Murray

Harriet Barclay Fund
Helen Hodges
Mary Korthase
Mary D. Price
Chad & Pat Cox
Constance Murray
Paul And Lou Buck

General Fund
Helen Hodges
Connie & John Taylor
Lawrence K. Magrath
Sydona Baroff

PRESIDENT'S PARAGRAPH

What a busy bunch we are, even in the middle of winter! The Indoor Outing came on a fairly good day, weather-wise, and many of you made it to the University of Oklahoma campus for that event. It is nice, if sometimes frustrating, to have to keep explaining that we can't handle any larger crowds than we get without advertising. But we do want to make each Native Plants experience a fulfilling and enriching one for our members.

An event that did go on without our official presence was the big three-day garden exposition in Oklahoma City. I hear that it was a tremendous success, and that "we really should have been there". And I sincerely wish we could have been, but their short deadline and our lack of resources would have made it a sorry sight. So-- next year we will try to add that to our repertoire of functions. The Oklahoma Department of Transportation also missed the event, and Joanne Orr and Laurie Stillings have promised to cooperate with us on a joint booth if possible. We also might be able to join with the Organic Gardening folks, who had a successful display in the 2001 event. It's wonderful to have so many opportunities. If only we had more resources!

Which brings me to the thought I've had in mind for some time. ONPS really needs a "trunk" display, already made up and ready to be opened at festivals and other gatherings around the state. For that, we need the help of a few "heads" other than this old gray one! Maybe start with a few of the fold-out display boards to set on a table. Add some copies of the collecting guidelines and membership brochures, and packets of the reproducible wildflower coloring kits for teachers. All those we have been providing as requested, and they could be done at a low enough cost that they would not need to be sold. What a Pandora's box selling things becomes! First, the problem of handling cash and still keeping adequate records, and added to that, the rat's nest of city-county-state sales taxes. I am thinking that we might never want to add merchandise to be sold to the trunk, allowing those members who use it to add such materials on their own.

My challenge to the membership is this: give me your best ideas on the contents of our display kit. think of ways we could have a few native plants in pots available to go along. Anyone have dried arrangements that have worked well? Any other ideas? Then write or e-mail me before the June board meeting so the Board will know what they're being asked to do.

Happy spring!
Pat Folley
President, ONPS

BOTONY BAY
Paul buck

FAVORITE THINGS!

One night last fall I awoke to the honking of geese

overhead. One does not simply turn over and ignore such an event. Quickly donning enough clothing to handle the cold night air, I rushed out to a beautiful sight. A view now deeply etched in my mind. It is a vision to be relived at will, but destined to extinction with my personal death.

The half-risen moon was full and dazzling in its brightness. There were a few, scattered, clouds; each surrounded by a halo of moonlight. Then, across the face of that body passed a ragged but distinct 'V' of geese, the source of the haunting cries. The leaders, quickly lost in the darkness, were followed by loose strings of companions as their silhouettes raced across the cratered lunar face.

It was at that moment a verse from a popular song went through my mind. One, I think, familiar to all readers:

Cream colored ponies,
An' crisp apple strudels,
Doorbells and sleigh bells,
An' schnitzel with noodles,
Wild geese that fly with the moon on their wings,
These are a few of my favorite things...

It seems many 'of my favorite things' are personal, one-time events. Those moments, though infrequent, are firmly and forever implanted in my mind, available for me to relive time and again, but never to be totally shared with nor experienced by another soul. You may say that is bad; but no, it is good. We were never meant to share these sacred experiences. They are locked in our hearts and we selectively relate them to others but take great satisfaction in that they remain our personal treasurers.

Every so often, while in a reflective mood, I scan my memory bank to see and hear, once again, some of those favorite things. You will never know them as I do. They are very personal but let me share a couple with you.

First: One cool October evening I sat on a ridge in the tall grass prairie of the Osage Country watching the sun drop toward the earth. The blue stem grass had started turning that beautiful light red so typical of Oklahoma winters. There were no pressing concerns, I had eaten and lodging for the night was arranged, my bedroll was nearby.

It was evident the birds were settling down for the night. The sky was free of hawks, vultures, meadowlarks, and all those small, brown birds unidentifiable to a botanist. The lengthening shadows slowly crept toward me as the sun fell even closer to the horizon. From a distant ridge came the call of a coyote, perhaps seeking a mate, announcing a night hunt or simply telling the world of a wonderful evening. Lost in thought, the arrival of night was announced by repeated calls from a barred owl. Such evenings are one of my favorite things.

Another time, in another place: One spring many years ago I visited Redbud Valley Nature Preserve early in the morning. The sun was just clearing the horizon as I walked slowly and quietly along the trail. The forest floor was covered with a heavy growth of light green bedstraw with its minute white flowers. The limestone bluffs were adorned with backlighted stands of red and yellow Columbine. The air, moist from the previous evening rain, contained the thick aroma of the large sycamores lining the banks of Bird Creek.

Suddenly a red fox stepped onto the trail just a short distance ahead. We both, a bit startled by the other, froze. The animal turned toward me, sat down on its rump and examined me carefully, cocking its head from side to side in a quizzical manner. Apparently concluding I presented no threat, it took a few steps in my direction, then turned and walked leisurely and silently into the brush. An inquisitive fox, lush bedstraw and rich odor of sycamore at dawn - that is another of my favorite things.

I shared a couple of my personal memories with you. Now, it is your turn to share with the rest of us. Think for a moment. What comes to mind as one of your favorite things? Please tell us about it, write it down and send it to:

Paul Buck
% Oklahoma Native Plant Society
2435 South Peoria
Tulsa, OK 74114

I'd like to use your response in the preparation of a future Botany Bay article. Don't hold back saying

you have nothing to share, I know that is not true. Not a few times during our Native Plant Society field trips individuals have shared events experienced in the field. Many were not only interesting but also beautiful and, I know from the warmth with which they were recounted, personally meaningful. Tell us about them.

ONPS PHOTO POSTERS
Sue Amstuz

The numbers add up! Having our ONPS posters available at the State Parks Nature Centers exposes them to literally thousands of visitors who register their presence at the Centers annually. Providing the posters as part of the display in each Center gives the Naturalists another tool for information and education for their nature-loving visitors.

Kristi Silvey, Naturalist at Beaver's Bend State Park Nature Center provides the following statistics derived from her guest registrations from April 1, 2000, through October 31, 2000.

April	4230
May	5760
June	7480
July	7560
August	4570
September	5540
October	5880

Add those numbers up and the amazing total of 41 ,020 results! Kristi adds "More people saw the pictures, but we have no way of recording visitor population on the porch!" We may assume that the total viewership at Beaver's Bend far exceeds the number of registered visitors, since the display cases for our posters are located on the walls of the porch where the photos may been seen even when the Center itself is not open.

Kristi adds, "We get lots of comments from visitors about the posters and would like to continue getting them each year. Thank you for your help."

If we use the statistics from Beaver's Bend and multiply them times the number of Nature Centers in Oklahoma which display our posters, we get a pretty good idea of the number of folks we are reaching with the good news of Oklahoma Native Plant Society and its photos of native plants.

HELP WANTED
Glenpool School

Carolyn Mathews wrote ONPS that the Glenpool Elementary School *(K-5)* has received a grant from the Department of Environmental Quality (DEQ) to develop an Oklahoma Native Plant Garden on their school ground. We want to build a garden in the shape of Oklahoma (similar to what Remington Elementary School has made). Additional funds will be available to help with the selection and planting of trees and plants. We need expert advise regarding the selection of plants. The location of the *Butterfly Garden* on the Northeast side of the K-3 building was dedicated last October. Our plans are to continue developing the area into a nature center for outdoor education. Monies from two different grants will help further our efforts.

Would you be willing to share some ideas and choice of plants and trees? I am a member of the Tulsa Audubon Society and Green Country Sierra Group which meet at the Tulsa Garden Center each month. I would look forward to visiting with your staff and/or members. An announcement in the *Gailiardia* newsletter would give someone an opportunity to contact me for further information.

Carolyn Mathews
490 East 141 St Place
Glenpool, OK 74033
e-mail: care2use@aol.com

The Pond
Chad Cox

Often my most pleasurable times I stumble into: such was that when putting in a pond in the backyard. We had been on a water garden tour when Pat expressed a desire for one. A pond would provide more diverse plant life, less grass and a new focal point. Choices for the site were limited with the best between the canopies of a maple and a

group of red buds. That also fixed the length at 12 feet. The shallow end, the narrow end of the pear-shaped pond, lessened the damage to the maple root system. A rubber membrane lines the pond directly placed on the smoothed clay bottom. The pond was finished off with a ring of flag stones.

The pond remained sterile the first year, just some purloined cattails from a local pond and some store-bought, nonnative plants (Pat's doings) and four fantail goldfish. Although, when cleaned the next spring, it did contain a dragonfly nymph. However, in the following four years, the pond has grown in diversity in a progression like fads where new species have waxed and waned. First, were the water striders, beginning with several adults but shortly thereafter were swarms of babies skating across every square inch. They have been rare visitors since then. Then snails blossomed, small black ones in great numbers but not enough to keep the algae in check. Some tadpoles appeared sometime in this period but were not in significant numbers then.

The most impressive was the conversion to a frog and koi pond. The last of the goldfish did not last through the third winter; Pat replaced them with four koi. They promptly had two batches of young totaling somewhere around fifty fish. Several spring frogs arrived to serenade each night with their high, long trills. Thereafter, at least two batches of tadpoles were added to this fecund mass of aquatic life. Next, three bull frogs appeared after a respite when the spring frogs left their offspring to our care. Their lower registered songs were appreciated as well, even when the house was shut for air-conditioning. If they left offspring, they were more secretive than the other frogs.

Over the winter, one of the adult koi disappeared with about a third of the young. An adolescent redshouldered hawk came faithfully to spend about two hours a day low in the surrounding trees and always facing the pond. Was this a Mac the hawk? (I think so; it returned this winter but arrived too early since the pond was covered with plastic fencing to lessen leaf deposits.) Over the previous summer, the cattails had set added stalks outside the pot and these were cut free and now grow splendidly dirt-free under plastic wire trays. Parrot feather that lived through the winter really took off this year. The spring frogs returned and departed earlier but again leaving us more young. Another frog, with an unearthly call, appeared about the same time as their departure. The pond has filled with hair algae. Two new under water plants have come up. Occasionally, some big snails can be seen. Some bull frogs returned this year. Another group of frogs now occupy the pond as I finish this account. I can hardly wait to see what this spring will bring.

So much of this was unexpected by me. Every reason for my digging the pond is no bigger than a knee on a cypress tree compared to the reasons I derive so much pleasure from the pond. All our grand kids are equally enthralled. I recommend a pond. I'll also repeat that so seldom do we predict just what will give us our greatest pleasures.

13TH ANNUAL INDOOR OUTING

Pat Folley

The Oklahoma Native Plant Society held its second Indoor Outing at OU in 1990, so it was certainly about time we did it again. As there was no competition for the honor, we got the job! And we had a beautiful new toy to show off: the Sam Noble Oklahoma Museum of Natural History. The new Museum just opened in May, 2000, and like any toddler, is not-quite-walking and talking, but what they have done so far is just short of miraculous. So, we held the morning events in the University of Oklahoma's Botany building under the sponsorship of the Natural Heritage Inventory/Biological Survey, and then had lunch and toured the Museum in the afternoon.

We had 85 pre-registered, and 105 of them showed up. It was a wonderful show of interest and support and proved a rewarding experience for the all-volunteer staff of lecturers and demonstrators. We began with an electronic slide show by Dr. Bruce Hoagland on the Survey's work mapping the Flora of Oklahoma, which he directs, and continued with Deborah Dalton's entertaining slide program on the establishment of a natural vegetation area at her home south of Norman. As always, there was more interest than time available, and after a short break for rolls and coffee we broke up into three groups to tour the research greenhouses with Calvin Lemke, get a

"Reader's Digest" course in plant collecting with Dr. Wayne Elisens, and a tour of the Bebb Herbarium with Amy Buthod.

Static displays of the Photo Contest posters were brought by Sue Amstutz, Leslie Cole-Jackson, and Ron Tyrl. My own mini-herbarium of 420-odd species that have turned up wild at our 40-acre farm during the past 25 years was also on display. We got at least three new members from the visitors who joined us, including one of the curators of the Museum.

Then it was on to a good lunch served with impressive efficiency by the little cafe in the Museum, and on-your-own tours of the museum itself. Paul Buck and Paul Reimer served as resource-spokesmen for the two natural habitat zones for which the museum already has displays. More are coming. The museum has more to see every time I go. A highlight of the day was an appearance by Ruth Boyd. We were overjoyed to see her up and about, and she was able to stay with us for the entire day. We thank those Central Chapter members who offered to help, and helped even more by showing up early and eager and all those who spoke, displayed, registered, led, and otherwise cooperated to make it a good day for all.

WILDFLOWER WORKSHOP

This year, the 24th Annual Wildflower Workshop will take place in Durant, considered the Magnolia Capital of Oklahoma. The Workshop is planned for Friday, May 11 and 12 and includes a variety of speakers and a dinner with a key-note speaker for Friday and a field trip on Saturday. The Workshop will also include a wildflower market with native plants, seeds, totes, tee shirts, etc. Wildflower specimens and other displays, plus winners of the Native Plant Society Photo Contest will be featured.

Speakers include Dorothy Thetford, of Wildflowers of Texas and Steve Hill, a landscape designer and consultant. Thetford will speak on how to grow wildflowers in your own backyard and Hill will speak on design using native plants. Julian Hillard of the Wildlife Conservation Department will give instructions on how to design a habitat that will attract wildlife. Fort Washita is Dr. Joe Mabry's topic of conversation. Mabry is a retired archeology professor at Southeastern Oklahoma State University. A forester from the Oklahoma Department of Agriculture will shed light on the recent ice disaster affecting most of Southeast Oklahoma and the future implications and effects of such an event. Bruce Hoaglund, who works at the Natural Heritage Inventory of the university of Oklahoma will speak about Southcentral Oklahoma wildflowers.

The Workshop on Friday will be held at the Bryan County Community Center. The Friday evening dinner will have George Diggs, Professor of Biology at Austin College presenting "Crosstimbers Across Time." Saturday, May 12, there will be a field trip to Carpenter's Meadow, one of the last remaining tall grass prairies in the country. The field trip also stops at various points of interest around Lake Texoma, including Nida Point. A visit to Blue River is also planned. Lunch will be at Ft. Washita. The Friday workshop begins at 8:30 a.m., the dinner at 6:30p.m. and the Saturday field trip at 7:30 a.m. The Workshop is held in a different location each year and is sponsored by the Oklahoma Native Plant Society, the Oklahoma Department of Transportation and the Oklahoma Garden Clubs, Inc. The SE district State Garden Clubs will also help sponsor this year's program.

To receive a flyer about the workshop, contact the Oklahoma Department of Transportation Beautification Office at 200 NE 21st St., Oklahoma City, OK 73105 or call (405) 521-4037. Flyers will be mailed to the Native Plant Society members in March.

Has Your Area Code Changed?

If it has since you first joined, we may not have your correct phone number listed in our directory. Also check your address on this *Gaillardia* for errors. Please send your new number to:

Maurita Nations
8309 N.W. 77th Place
Oklahoma City 73132-3934
(405)721-3934
nationsokc@juno.com

ALPHABETIC CHECKLIST OF NATIVE ORCHIDS KNOWN TO OCCUR IN OKLAHOMA

AS OF 28 FEBRUARY 2001

Dr. Lawrence K. Magrath, Curator of the USAO (OCLA) Herbarium

****_Aplectrum hyemale_ (Muhl. ex Willd.) Torr.; Putty-root, Adam & Eve; [rare, threatened, woodlands]**

Calopogon oklahomensis D. H. Goldman; Oklahoma Grass-pink; Oklahoma Grass Pink; [rare to locally common; threatened; wet prairies]; reported by Waterfall as _C. pulchellus_ (Salisb.) R. Br.

Calopogon tuberosus (L.) BSP. var. _tuberosa;_ previously reported as _C. tuberosus_ (L.) BSP. var. _simpsonii_ (Chapman) Magrath by Magrath; Grass Pink; [rare to uncommon; threatened; sphagnum bogs]

Corallorhiza odontorhiza (Willd) Nutt.; Autumn Coralroot; [uncommon to locally common; woodlands]

Corallorhiza wisteriana Conrad; Wister's Coralroot; [common; woodlands]

Cypripedium kentuckiense C.F. Reed; Kentucky Lady's-slipper; [rare to locally uncommon; threatened; woodlands]; reported by Waterfall as _C. calceolus_ L. var _pubescens_ (L.) Correll

Cypripedium parviflorum Salisb.; Southern Small Yellow Lady's-slipper; [rare to locally common; threatened; woodlands]

C. parviflorum Salisb. f. _albolabium_ Magrath & Norman; White-lipped Southern Small Yellow Lady's-slipper; [rare; threatened; woodlands] type location -- Tate Ranch in Adair County.

Epipactis gigantea Dougl. ex Hook; Stream Orchid, Chatterbox; [uncommon to locally common; threatened; limestone streams in Arbuckle Mountains]

****_Galearis spectabilis_ (L.) Raf.; Showy Orchis; [rare, threatened; woodlands]**

Goodyera pubescens (Willd.) R. Br.; Downy Rattlesnake Orchis; [rare to locally abundant; threatened; woodlands]

****_Habenaria repens_ Nutt.; Water Spider Orchid; [rare, threatened; sphagnum bogs]**

Hexalectris spicata (Walt.) Barnh.; Crested Coralroot; [rare to uncommon; threatened; woodlands]

Isotria verticillata (Willd.) Raf.; Large Whorled Pogonia; [rare; threatened; woodlands]

Liparis liliifolia (L.) Richard; Lily-leaved Twayblade; [rare; threatened; woodlands]

Listera australis Lindl.; Southern Twayblade; [rare; threatened; wooded sphagnum bogs]

Malaxis unifolia Michx.; Green Adder's Mouth; [uncommon to locally common; threatened; woodlands]

Platanthera ciliaris (L.) Lindl.; Golden Plume; Orange Fringed Orchis; [rare to locally common; threatened; woodlands, sphagnum bogs]; reported by Waterfall as _Habenaria ciliaris_

Platanthera clavellata (Michx.) Luer; Little Club-spur Orchis; [rare to uncommon; threatened; wooded sphagnum bogs]; reported by Waterfall as _Habenaria clavellata_

Plathanthera flava (L.) Lindl. var. _flava_; Southern Tubercled Orchis; [rare to locally common; threatened; woodland bogs]; reported by Waterfall as _Habenaria flava_

Plathanthera lacera (Michx.) G. Don.; Green Fringed Orchis; [rare to uncommon; threatened; sphagnum bogs, woodlands; wet prairies]; reported by Waterfall as _Habenaria lacera_

****_Plathanthera leucophaea_ (Nutt.) Lindl.; Eastern Prairie Fringed Orchis; [rare; threatened; wet prairies]; [known from type specimen only in Oklahoma]; reported by Waterfall as _Habenaria leucophaea_**

****_Plathanthera praeclara_ Sheviak & Bowles; Western Prairie Fringed Orchis; [rare; threatened; rich prairies]**

Pogonia ophioglossoides (L.) Ker-Gawl.; Rose Pogonia; [rare to uncommon; threatened; sphagnum bogs]

Spiranthes cernua (L.) L. C. Richard; Nodding Ladies'-tresses; [common; woodlands, prairies, sphagnum bogs]

Spiranthes lacera Raf. var. _lacera_; Northern Slender Ladies'-tresses; [common; woodland, prairies]

Spiranthes lacera Raf. var. _gracilis_ (Bigel.) Luer; Southern Slender Ladies'-tresses; [common; woodlands, prairies]; reported by Waterfall as _Spiranthes gracilis_

Spiranthes magnicamporum Sheviak; Great Plains Ladies'-tresses; [scattered to common; prairies]

****_Spiranthes odorata_ (Nutt.) Lindl.; Fragrant Ladies'-tresses; [rare; threatened; sphagnum bogs]**

Spiranthes ovalis Lindl. var ovalis (known from one collection in McCurtain Co.); [rare; threatened; woodlands]

Spiranthes ovalis Lindl. var. _erostellata_ Catling; Northern Oval Ladies'-tresses; [rare; threatened; woodlands]

Spiranthes praecox (Walter) S. Watson; Giant Ladies'-tresses; [rare; threatened; woodlands & sphagnum bogs?]

Spiranthes tuberosa Raf.; Little Ladies'-tresses; [scattered to common; woodlands]; reported by Waterfall as *Spiranthes grayi*

Spiranthes vernalis Engelm. & Gray; Grass-leaved Ladies'-tresses; [rare to common to locally abundant; prairies & roadsides]

Tipularia discolor (Pursh) Nutt.; Crane-fly Orchis; [rare to locally abundant; threatened; woodlands]

Triphora trianthophora (Swartz) Rydb.; Three Birds' Orchis, Nodding Pogonia; [rare to locally abundant; threatened; woodlands, wooded bogs]

Number of Taxa Recognized for Oklahoma:

Year	Genera	Species	Varieties	Forms	Total Taxa
1972	11	20	0	0	20
2001	18	33	2	1	36

New Taxa reported since 1972	7 (38%)	15 (43%)
Possibly Extinct in Oklahoma	4 (22%)	7 (20%)

Names in bold type were reported in "Keys to the Flora of Oklahoma" by U. T. Waterfall
Abundance: R = rare; U = uncommon to locally common; C = common; A = abundant
Status (in my opinion throughout the state): E/T = endangered or threatened due to habitat loss or changed land use; ** = no current population is known to exist in Oklahoma, but the taxa has been documented as being present in Oklahoma at some time in the past.
Habitat: W = woodland; P = prairie/grassland; SB = sphagnum bog; L = limestone streams in Arbuckle Mts

ANNUAL MEETING OF ONPS

Members of the Cross Timbers Chapter are starting to make plans to host the society's annual meeting next fall. It is scheduled for Friday and Saturday, October 19-20, and will be held on the campus of Oklahoma State University in Stillwater. This year's theme is Oklahoma's wildflowers, vegetation, and wildlife. Local chapters of the Society for Range Management and the Wildlife Society have tentatively scheduled their annual meetings to be held jointly with that of ONPS. Their research presentations will complement our traditional field trips, evening speakers, business meeting, and banquet. By combining these three meetings, participants will have an opportunity to gain different perspectives of our native plants. Details of the program and registration forms will appear in the next issue of the *Gaillardia*.

CHAPTER ACTIVITIES

NE Chapter
Jim Elder

The group's monthly happy hour ("botany hour") has been a great success. We meet on the 3rd Friday of each month, most recently at the St. Louis Bread Co., 41st and Hudson in Tulsa. The group shared pictures, maps, and outing ideas. We updated our calendars with upcoming ONPS events and activities. The group has planned outings to the Cross-Timbers area near Keystone Lake, a back roads outing near Henryetta, a trip to Pontotoc Ridge preserve, and an outing to Rocky Ford Park near Tahlequah. See the Gaillardia calendar for specific dates. Charles Lewallen and Jim Elder will be presenting a short program about OPNS at the Tulsa Garden Center on March 31st

Several of our chapter members attended the Indoor Outing in Norman, with a tour of the Bebb Herbarium and the new Natural History Museum being the highlight of the weekend. The Chapter's next meeting will be on March 12th,

with Dr. Estelle Levetin, University of Tulsa professor of Biology, presenting talk and slide presentation on Oklahoma fungi.

Central Chapter

November 23, 2000. The Central Chapter met at the Kirkpatrick Horticultural Center with approximately 28 persons attending. Nancy Fernandes of Edmond gave a slide presentation on her extensive garded which features native plants and natural habitats, as well as new cultivars of flowers and plants available in the nursery trade. Also the Anne W. Long award was presented to Bruce Smith, science teacher at McCloud High School. His work has inspired many of his students to pursue research in botany.

There were no regular meetings in December and January.

February 26, 2001. The Central Chapter will meet in Room 102 of the Kirkpatrick Horticultural Center at 4th and Portland in Oklahoma City. The program will be given by Dr. Linda Wallace, Professor of Botany at the University of Oklahoma. She will show slides and speak on a global warming project with which she is involved.

March 26, 2001. The Central Chapter will meet in Room 102 of the Kirkpatrick Horticultural Center at 4th and Portland in Oklahoma City. The program, on the "History of Echinacea" will be given by Adam Ryburn, graduate student in botany at Oklahoma State University. This will be the last regular meeting of the Central Chapter till next September.

March 31, 2001. There will be a Central Chapter field trip to the rural property southeast of Norman, long owned by the family of Mark Howery. Mark is a wildlife biologist with the Oklahoma Department of Wildlife Conservation. The property contains large areas which have never been plowed. We will meet at 9:30am at the southeast corner of the Lloyd Noble Arena parking lot in Norman.

June 2, 2001. There will be a Central Chapter garden/acreage tour to the properties of Jeannie Coley, Martha Skeeters, and Patricia Bergey, all located southwest of Norman. Details will be announced later.

June 30, 2001. There will be a Central Chapter field trip to the Wichita Mountains Wildlife Area, details to be announced later.

July 14, 2001. Central Chapter field trip to proper of Susan and Wayne Chambers in Choctaw.

Cross-Timbers Chapter
Ron Tyrl

The report of the Cross Timbers chapter is that we have had two meetings. A potluck and slide presentation on March 24 was attended by approximately 30 people. A field trip to a local tallgrass prairie/hay meadow on June 3 was attended by approximately 20 people. The number of members in the chapter continues to increase. A roster was e-mailed to Maurita Nations earlier today. Our next meeting is another field trip on September 16th, Saturday. Departure time is 10:00 AM from the parking lot adjacent to Life Sciences East on the OSU campus.

Another potluck dinner and slide presentation on Friday, November 10th concludes the chapter's activities for the year.

FIELD TRIP RULES

- Preregistration is required for all field trips.
- Field trip announcements will contain the name, address, and telephone number of the leader. If you have doubts about the terrain, difficulty, etc., ask.
- Field trips take place rain or shine. Hiking boots, long pants and a hat are essential.
- Bring water and lunch or a snack. Sunscreen and insect repellent are always in demand. Field guides, a camera and binoculars are nice.

- Participation is at your own risk.
- All ONPS field trips are open to the public at no charge, unless charges per-member are specified in the announcement. Visitors and newcomers are always welcome.
- Children old enough to keep up are welcome. Pets are not. Children should be warned against picking flowers or collecting animal or plant souvenirs: many of our field trip sites are havens for the rare and endangered.

ABOUT ONPS WEBSITE:
www.usao.edu/~onps/

Thanks to Larry Magrath and the IP staff at USAO, we have a much improved site. Laurie Belindo of that staff has been particularly helpful in setting up the new site. Now that we have more space for our website, what additional items you would recommend? The awards that were presented at our last annual meeting were added to the site, including a picture of Ruth holding the glass plaque for the new Service Award. That picture alone required about as much space as we had available at Telepath.

Another, related question, is what additional links should be added. The following are those listed currently at our site:

Oklahoma Wildflowers: Pictures of many of Oklahoma's wildflowers provided by Charles Lewallen, an ONPS member .

Noble Foundation Plant: Gallery Pictures of Plants of Oklahoma and Texas

Robert Bebb Herbarium:Website for O.U. research collection of plant specimens with links to other research facilities.

Oklahoma Biological Survey: Website for the survey that is a state function to record Oklahoma flora and fauna.

Prairie Net:Contains many links related to native plants including many of the other native plant societies.

Plant of the Week: Self descriptive

Brousseau California Flora Pictures:

Plant life of Texas:

Landscaping with native plants:

Fairchild Tropical Garden:

Australia's Native Plants:

Other Botanical Resources:

Let Chad Cox know what items and links you think should be added. Use either:

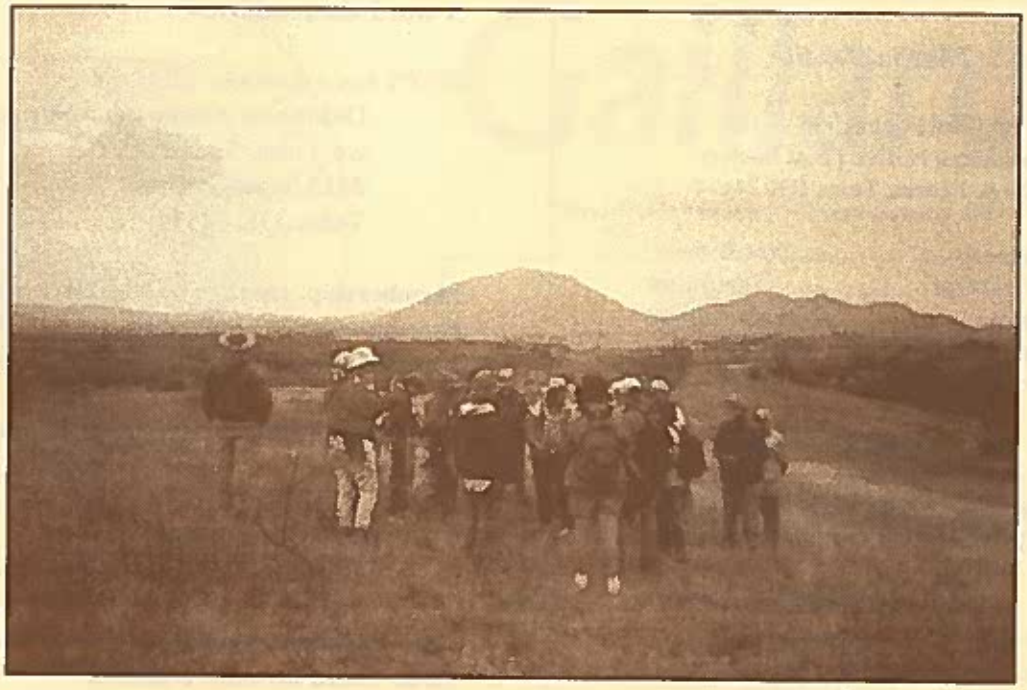
cox.chadwick@worldnet.att.net
onps@www.usao.edu)

SUE WHEELER'S AWARD

Sue Wheeler, a long-time member of ONPS, is the recipient of The Nature Conservancy's Oklahoma Award of Service. Sue started up the gift shop at the Tallgrass Prairie Preserve, essentially at its inception and has continue to run the shop. Not only has she served so thoroughly with TNC, but she has her own native garden that has inspired fellow Tulsan.

WELCOME THESE NEW MEMBERS

Mr. Jackie Bubenik, Tulsa
Dale & Carla Chlouber, Ripley
Constance Murray, Tulsa
Andrew Pahlka, Oklahoma City
Kiyoshi Sasaki, Stillwater
Fumiko Shirakura, Stillwater
Kristi & Carl Taylor, Broken Arrow



Black Mesa Outing (Photo by Jim Elder)

FOR JOINING OR RENEWAL, USE THE FORM BELOW:

Fill out this form or supply the same information. Make checks payable to Oklahoma Native Plant Society and mail to Oklahoma Native Plant Society, 2435 South Peoria, Tulsa, OK 74114. Dues include subscription to *Gaillardia*.

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Home Phone: _____ **Please do not list my phone** __
Office Phone: _____
E mail: _____ ___ **Renewal** __ **New Member**

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Life Membership Choice: __ **$200 Individual,** __ **$300 Family**

Add $2.50 __ **to cover cost of copying and mailing a complete ONPS directory if desired.**

The Gaillardia

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A word about addresses

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Membership, changes of address, and general correspondence of all kinds except newsletter material should be sent to the Tulsa address.

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The Gaillardia can accept material by disk (ASCII, rtf or Word format), e-mail to cox.chadwick@worldnet.att.net.

Members who wish to receive information by e-mail from ONPS may send their on-line address to cox.chadwick@worldnet.att.net.

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