

Volume 5, Number 5

September - October, 1990

DECEMBER BOARD MEETING IN ROLLA

The next quarterly board meeting of the Missouri Native Plant Society will be Saturday, December 8th, at 10 am at the Mark Twain National Forest Headquarters, at 401 Fairgrounds Road. We will be working on budgeting and planning for the next year, and all MONPS members are invited to give their input.

Directions: From I-44, take exit 184 (the Westernmost of the three Rolla exits), past Howard Johnson's and Beuhler Park. Turn left on Fairgrounds Road. Continue past the Department of Natural Resources and Army Reserve to the Mark Twain National Forest Headquarters on the left. If driving from Jefferson City on 63S, drive through Rolla to I-44, get on I-44 going West, and use the above directions.

CATALOGUE OF THE FLORA OF MISSOURI

Available *this month(!)* and eagerly anticipated by all our members, is the new publication, Catalogue of the Flora of Missouri, written by George Yatskievych and Joanna Turner. The Catalogue contains an annotated checklist of 2622 taxa, including updated nomenclature, common names, recent additions to the flora, and cross references to Steyermark's Flora of Missouri. This 345 page publication can be ordered for \$9.00 plus \$1.50 shipping for the first book (plus \$.50 shipping for each additional book ordered), by writing: Department Eleven, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166-0299.

MID-SOUTH NATIVE PLANT CONFERENCE 1990

The focus of the October 26-28 1990 conference to be held at the International Agricenter in Memphis, Tennessee, is *Using Native Plants In the Landscape*. Some of the highlights include speakers on: Native Medicinal Plants, Tough Native Perennials for the Sun, Propagating Difficult Natives, Protecting Trees during Development, and tours of Ridgecrest Nursery and a hydroponic greenhouse, and a hike to Wolf River Bottoms. Cost of the conference is \$55.00, which includes registration, a T-shirt, and two meals. Write to the Mid-South Native Plant Conference, Lichterman Nature Center, 5992 Quince Road, Memphis, TN 38119, for registration information.

SLIDE COLLECTION OF MISSOURI PLANTS

Dr. Steve Timme at Pittsburg State University has agreed to curate the MONPS slide collection for Missouri plants. These slides will be stamped "Missouri Native Plant Society" and will be available to various organizations and groups. Each request for slides will be accompanied with a sheet detailing information about each species, e.g., habitat, flowering dates, distribution, etc. If you have good slides of Missouri plants, send them to Dr. Steve Timme, T.M. Sperry Herbarium, Department of Biology, Pittsburg State University, Pittsburg, Kansas, 66762. The following information should accompany each slide sent: 1) scientific name (if possible), 2) common name, 3) habitat, 4) location, 5) date photographed, and 6) name of photographer. If you have any questions, write to the above address or call 316-325-4740.



PRESERVING THE ANCIENT FORESTS

by Daniel Rice

The Ancient Forest Protection Act, H.R. 4492, is presently being considered by the U.S. House of Representatives. This bill defines Ancient Forests as those 150 years old or older, containing snags and logs, or meeting specific other cited definitions. It

also establishes associated forests adjacent to or near ancient forests that will act as buffer zones around the designated old growth. Using the processes established by the Act, Congress can designate an area as Ancient Forest for an interim period, then place the burden of proof that the area doesn't meet the requirements on the timber industry.

This bill is primarily framed to preserve the Pacific Northwest old growth forests, but the definitions and processes can be used in Missouri to the same end, especially in the Mark Twain National Forest. That's why we need to write our Congressmen right away and ask them to support H.R. 4492. With the definitions and processes in place, we'll be able to save those segments of the Mark Twain Forest that are OUR Ancient Forests, segments that will be coming under increased logging pressure thanks to the new timbering plan of the U.S. Forest Service. So please write!!!!!!

OAK - The Tree of Choice



The National Tree Committee has chosen the oak as the national tree of the United States. In Missouri, there are at least 19 species of oak, as well as numerous hybrids and varieties. There are over 300 species in the north temperate zone of the U.S.

FARKLEBERRIES WANTED

The farkleberry, *Vaccinium arboreum*, is a relative of the blueberry, and is native to Missouri. While the blueberry needs acidic soils to do well, the farkleberry is reported to grow on higher pH soils. Chad Finn and Michele Warmund are researching the farkleberry to see if it can be used as a parent in cultivar development, or as a rootstock for blueberry production on less acidic soils.

The farkleberry is found south of the Lake of the Ozarks, in South Central Missouri, around Springfield, and in the northern end of the Bootheel. The fruit ripen from July to October, are red, black, or yellowish, and are not very tasty.

If you find the farkleberry while out on your hikes, please send some fruits to Chad Finn, or call him at 314-882-9629.

Man masters nature not by force but by understanding.

Jacob Bronowski

KEEP OFF THE CHEMICALS GRASS!

The Environmental Protection Agency estimated that over \$700 million worth of pesticides were sold last year, for lawn care alone. More than 10% of single-family households use lawn care services, which cost them over \$1.5 billion annually. Surprisingly, 32 of the 34 commonly used pesticides are still awaiting EPA evaluation. Many of these companies make claims that their products are safe or non-toxic, a claim which has not yet been verified, and which is false and misleading, according to the EPA. Those who are interested in Missouri's pesticide use laws can obtain a free copy of the Missouri Pesticide Use Act, amended 1988, by writing to the Missouri Department of Agriculture, Division of Plant Industries, Bureau of Pesticide Control, P.O. Box 630, Jefferson City, MO 65102.

Those who have questions about a particular pesticide, such as its use or toxicity, can call the toll-free National Pesticide Telecommunications Network Hotline at 800-858-PEST. This service is funded by the EPA, and is operated agriculture and public health staff at Texas Tech University Health Science Center in Lubbock, Texas. Information is given from three perspectives - EPA, the manufacturer, and the environmentalist.

Another aspect of yard care is lawn mowing and raking of leaves - the results of which are called "yard waste." An average of 18% of all material sent to landfills nationally is yard waste. During the summer, it can rise to as much as 50% of all solid waste collected. However, both grass clippings and leaves make good mulch (used on the top of soil for moisture retention), and good compost (mixed into the soil to improve aeration, provide nutrients, and aid in water retention). One caution to consider, however, is the type of chemicals used on some lawns, and the time they take to break down.

Because of the problem with our landfills filling up, many communities are passing ordinances/laws which prevent landowners from setting out yard waste to be picked up with trash. If your community does not have a policy on yard waste, you may want to contact your city council and suggest that they could reduce the amount of trash going into the landfill; they might look into the possibilities of setting up composting facilities, or set up programs to educate the public about composting and mulching.

Two helpful publications to help one get started on composting are: *A Guide To Composting* - published by the Department of Natural Resources, and *Making and Using Compost* - publication #6956, from the University of Missouri Extension.

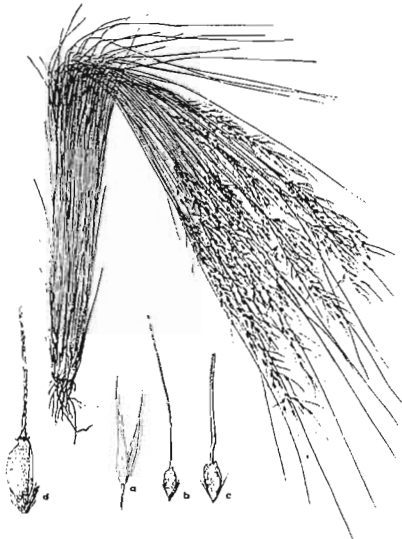
POTENTIAL NEW WEED IN MISSOURI

by George Yatskievych

The U.S.D.A. Animal and Plant Health Inspection Service has recently released information on a potential new weed for the state. Serrated tussock, *Nasella trichotoma* is an invasive, perennial grass native to South America whose potential to colonize grassland (particularly grazed lands) has been proven by its rapid spread in parts of Australia and southern Africa during this century. According to a recent alert, eight shipments of tall fescue (*Festuca arundinacea*) seed that were found to be heavily contaminated with serrated tussock were imported from Argentina in late 1988. Although most of these shipments were recalled, some of the seed was sold in 45 counties in five different states: Illinois, Kentucky, Missouri, North Carolina, and South Carolina. In Missouri, seed was sold in Jefferson and St. Louis counties, while in Illinois, Madison, Marion, and St. Clair counties are affected.

In the Midwest, serrated tussock is most closely related to species of *Stipa*, but it is different enough in overall appearance from Missouri and Illinois *Stipa* species that it is more likely to be confused with a *Muhlenbergia*. *Nasella* forms dense clumps, with flowering stems to about 18 inches tall. The leaves are stiff and very narrow, with inrolled edges that are minutely serrate. The inflorescences often arch with age and are highly branched, with delicate-looking branches that spread at maturity. The spikelets are purplish at flowering and brown in fruit, and contain a single floret. Each lemma has a slender, twisted awn up to one inch long at the tip. Look for this grass along roadsides and in pastures, particularly heavily grazed ones (cows apparently avoid all but the youngest growth, so this grass is able to out-compete more palatable species).

The U.S.D.A. asks that anyone who thinks that he or she might have discovered serrated tussock in our area please contact the county extension service, or I would be happy to examine samples at the Missouri Botanical Garden. There is great potential for this grass to become a serious weed in the United States, if allowed to become established. Members of the Society can perform a great service by keeping an eye open for serrated tussock, a federal noxious weed!



Nasella
trichotoma

Stone-Washed Jeans Versus Our National Forests

The very fashionable look of stone-washed jeans and other fabrics has created a large demand for pumice, used in the process of making these fabrics. The value of pumice has increased during this fashion craze from \$10 to \$45 per cubic yard. The Copar Pumice Company has applied for patents on 1,700 acres of national forest in New Mexico, to claim the mineral rights underneath, all for \$2.50 per acre! The estimated value of the pumice from the land is \$300 million.

POPULATION GROWTH AND THE ENVIRONMENT

The Sierra Club is sponsoring a workshop on Saturday, October 20th, from 10 am to 3 pm, at Room 108 Glass Hall, at SMSU, in Springfield, Missouri. Guest speaker will be Nancy Wallace, the Washington Director of the International Population Program for the Sierra Club.

SEEDS WANTED

Hazel Ayers is looking for seed of Sweet Goldenrod, *Solidago odorata*. If you have some you would like to donate, trade, or sell, please write to Hazel at HC 6, Box 246, Gatewood, MO 63942.

ENVIRONMENT/EDUCATION COMMITTEE

by Pat & Jack Harris

We have been charged by the MONPS Board of Directors to head up the Environmental/Education Committee. We are in the process of establishing goals for this committee, and would like your input on ideas and recommendations on topics that you would like to see addressed by this committee.

One potential project would be to organize an effort to persuade the State to formally adopt a policy that declares all future State projects (architectural building sites, hydro, highway construction, parks, recreation areas, etc.) be required to use appropriate plants native to Missouri for all landscaping. This could be achieved either through executive order promulgated from the Governor's office or passage of appropriate legislation at the state level.

Alternatively, we could endeavor to develop draft legislation that will provide better protection for native plants on all state and federal lands.

If you have any thoughts on these items or other suggestions, or would like to be on this committee, please respond to Pat & Jack Harris, 9708 Green Park Road, St. Louis, MO 63123.



NATIVE PLANT GARDENS
AT THE SPRINGFIELD NATURE CENTER
by Louise Wienckowski

If you've walked around the grounds at the Springfield Nature Center, it's hard to believe that just two years ago, it looked much different. The Native Plant Society in Springfield has been hard at work!

In the fall of 1988, the Springfield chapter proposed the idea of a native plants garden to manager Dave Catlin of the Springfield Nature Center. Dave was very enthusiastic and showed us the areas he thought would be most suitable. During the winter, members Rose Kulhanjian and Louise Wienckowski created the designs and selected the species for the gardens. Most of the plants were purchased from Merv Wallace's Missouri Wildflowers Nursery. Mary Lou and Ernest Braswell donated a large amount of rose verbena plants, which now border the triangle garden. Jim and Bonnie Dyer donated many woodland species which were planted near the pond behind the Nature Center: Trillium, Jack-in-the-Pulpit, Green Dragon, Rattlesnake Vine and Pimpernel.

Three gardens were planted in April of 1989. The Nature Center staff tilled the areas and provided topsoil and mulch. Twelve MONPS members worked nearly five hours under a hot sun, picking out rocks and weeds, and carefully setting out the young, fragile plants. That Spring was hot and dry, so many of us took turns carrying buckets of water in our cars to the triangle garden which was unreachable by hose. Nature Center staff watered the closer gardens many times those first few weeks.

The first garden one sees is a large triangle pot which divides the traffic flow entering and exiting the Center. This garden contains primarily glade and prairie species: Verbena canadensis (Rose Verbena), Asclepias tuberosa (Butterfly Weed), Liatris aspera (Rough Blazing Star), Liatris pycnostachya (Prairie Blazing Star), Aster sericeus (Silky Aster), Echinacea paradoxa (Yellow Coneflower), Echinacea purpurea (Purple Coneflower), Echinacea pallida (Pale Purple Coneflower), Ratibida pinnata (Gray-headed Coneflower), Oenothera missouriensis (Missouri Primrose), and Coreopsis lanceolata (Tickseed Coreopsis). We didn't see any signs of the Silky Aster or the Liatris, so we replaced these and added a few new species this Spring: Coreopsis palmata (Prairie Coreopsis), Solidago rigida (Rigid Goldenrod), Salvia azurea (Blue Sage), Silphium laciniatum (Compass Plant), Liatris scariosa v. newlandia (Eastern Blazing Star), Eryngium yuccifolium (Rattlesnake Master), Aster novae-angliae (New England Aster), and Monarda fistulosa (Wild Bergamot).

The second garden is part of the walled semi-wooded

area adjacent to the building. We cultivated a narrow border at the front of that area, planting: Tradescantia ssp. (Spiderwort), Lobelia cardinalis (Cardinal Flower), Oenothera missouriensis (Missouri Primrose), Silene virginica (Fire Pink), Silene regia (Royal Catchfly), Sedum ternatum (Sedum), Ageratum, Penstemon cobaea (Purple Beard-tongue), and Liatris pycnostachya (Prairie Blazing Star). The sedum failed to thrive and there were a few other losses, but again we replaced or substituted new plants. New additions in 1990 are Scutellaria incana (Blue Scullcap), Callirhoe involucrata (Purple Poppy Mallow), Liatris squarrosa (Short Blazing Star), Petalostemon purpureum (Purple Prairie Clover), Eryngium yuccifolium (Rattlesnake Master), and Monarda fistulosa (Wild Bergamot). Also, Echinacea pallida and Aquilegia canadensis (Columbine) were planted last year by Nancy Barnum.

The third garden is the Butterfly-Hummingbird Garden which lies in the Observation Area to the rear of the Nature Center building. In 1989 we planted: Liatris aspera (Rough Blazing Star), Liatris pycnostachya (Prairie Blazing Star), Liatris scariosa (Eastern Blazing Star), Aster novae-angliae, Silene regia, Lobelia cardinalis, Echinacea purpurea, Asclepias tuberosa, Monarda fistulosa, and Aquilegia canadensis. Echinacea pallida was added this year as well as Lilium michigense which was donated by the Ozark Lily Society.

Several members that have worked in the gardens have discussed installing markers for the plants as educational guides and to protect the plants from accidental damage. As part of our continuing stewardship of the gardens, the Springfield chapter spends one Thursday evening each month weeding and mulching, to keep the gardens in shape.



Let me enjoy the earth no less
Because the all-enacting Might
That fashioned forth its loveliness
Had other aims than my delight.

Thomas Hardy

WORRIED ABOUT THE GREENHOUSE EFFECT?

There has been much talk and controversy about global warming, and the possibility that the increased buildup of carbon dioxide and chlorofluorocarbons will trap the Sun's heat at a faster rate than normal. The Sierra Club has written an informative pamphlet called "21 Ways to Help Stop Global Warming by the 21st Century." For a free booklet, call 1-800-TOO-WARM.

Missouri Native Plant Society
Summary of Minutes: September 15, 1990 Board Meeting
Big Spring, Ozark National Scenic Riverways, Missouri

Call to Order. The meeting was called to order by President Bill Summers at 8:45 pm. The 14 board members present included Karen Haller, Rad Widmer, Tim Nigh, Jody Eberly, Linda Ellis, Larry Houf, Joanna Turner, Louise Wienckowski, George Yatskievych, Pat & Jack Harris, Dan Rice, Larry Morrison and Sylvia Forbes. Other attendees included Jim Bogler, Steve Timme, Kay Yatskievych, K.Z. Perkins, Sue Hollis, Linda Richards and Linda Lathrop.

Treasurer's Report. Rad Widmer distributed a financial statement as of 9-11-90, and reported total income to be \$3,524.38; total expenses \$1,444.34, and an ending balance of \$6,447.04.

Committee Reports

Field Trips. Tim Nigh was commended for an excellent job in planning the field trips this year. Tim stated that he and Tim Smith would be willing to co-plan the field trips for 1991. The president and board expressed appreciation for the donation of *Wildflowers of Mississippi*, given by Steve Timme, and for all the people who helped prepare, setup and cleanup the evening barbecue.

Bylaws. Sue Hollis brought up four questions to be discussed regarding the bylaws. Four resolutions were passed, and one tabled. The issue of the procedure for officer removal was tabled until the December meeting.

1. A resolution passed to have the annual meeting in June. (Motion by George, 2nd by Karen.)
2. A resolution passed that newly elected officers will take office at the end of the first board meeting following the election and annual meeting. (Motion by Jody.)
3. A resolution passed that alternate chapter representatives shall be permitted. (Motion by George, 2nd by Larry.)
4. A resolution passed that there should be a clause in the bylaws for removal of officers. (Motion by George, 2nd by Tim Nigh.)

Old Business.

Slide Bank. Steve Timme has received a new cabinet which holds 7,000 slides, and is looking for donated slides. Contributors should label slides with the photographer's name, plant species, location, date taken, and habitat. All donated slides will become property of MONPS.

Missouri Native Plant Week. This issue was tabled again until the December board meeting, when there will be more time for discussion.

State Fair Booth. Sue Hollis reported high costs

involved in having a booth at the Fair (\$400 for smallest size booth, \$15 - \$40 for electricity, plus parking, admission, liability insurance). We must also guarantee that the booth will be staffed 12 hours per day for all 11 days. A motion passed not to have a booth at the state fair.

Membership Dues. It was stated that a dues renewal announcement should be published in the December *Petal Pusher*. It was decided that we will not raise dues this year.

New Business.

Eastern Native Plant Alliance. Linda Ellis represented Missouri at the ENPA annual meeting in August. Linda passed out a list of priorities that ENPA will focus on this year. Linda requested people to send in copies of local weed ordinances or rulings, to help ENPA with native planted yard issues. ENPA has been successful in stopping several nurseries from selling wild-collected plants, and is continuing the effort. ENPA is putting together a local gardening conservation brochure, and is asking all ENPA members to pay \$25. George Yatskievych moved that we allot \$100.00 per year for ENPA, to include \$25.00 dues, and \$75.00 to send someone to the meeting. Jody Eberly seconded, and the motion carried.

Communications. Karen Haller read several letters addressed to MONPS. First was a Thank You from Norlan Henderson for the Steyermark Award. Second was Wayne Muri's (Hwy Dept) reply to Bill Summers' letter regarding highway signs at stream crossings. Third was a request from Sharp Brothers' Seed Company requesting information. Fourth was a letter from the Center for Plant Conservation asking for money - a decision was tabled till the December board meeting. Fifth was a reply from Jim H. Wilson, MO Dept. of Conservation, regarding native plant legislation, who stated that there were no immediate plans for introducing new native plant legislation at this time.

Rad Widmer stated that he had received a letter from Dr. Coles, director of the Tyson Research Center at Washington University, stating that a stretch of Interstate 44 will be widened, and that exotic species have been chosen for reseeding. He would like to substitute native grasses, and is requesting our help in paying for seed. Tim Nigh suggested that we find out what is happening to the committee which Ginny Wallace was on, which worked with the highway department to advise on seeding. Perhaps the highway department could be persuaded to use natives anyway. Jody Eberly stated that the highway revegetation project she worked on went extremely well, and perhaps that success could be referred to in persuading other highway districts. She said that people should send letters to the district engineer at Willow Springs commending him on an excellent job.

Chapter Reports.

St Louis - Larry Morrison stated that they have the

largest membership ever, and have been having excellent speakers at meetings.

Kansas City - Dan Rice stated that they had some good field trips, and that they are helping the Zoo install and maintain a butterfly garden. They presented the award to Norlan Henderson at a meeting. They also moved the Esther O'Connor garden to a new location.

Springfield - Louise Wienckowski reported that they have been having excellent programs: George Yatskievych in July; Merv Wallace in September; Steve Foster will speak in October; and the gardens at the Nature Center are doing well.

Columbia - Sylvia Forbes stated that they had recently built a 4-panel educational display; they had a booth at a gardening fair at Gilberg Nursery, the local newspaper wrote an excellent article about the Native Plant Society; they are offering grass and native landscaping series this Fall; they are holding two joint workshops with the Adult Education Center; and have been doing some fundraising.

Jefferson City - no report.

Kirksville - no report.

Other Business.

Linda Ellis stated that anyone finding seed of Passiflora incarnata should send it to her, as there is someone that needs it for research.

Adjournment. The motion passed to adjourn at 10:50 pm.



THE DELIGHTS OF AUTUMN!!

If you are ever in the Kansas City/Independence area, search for a hidden delight - hickory nut pie! You can find it at Stevenson's Apple Farm Restaurant, at the corner of Lee's Summit Road and Highway 40.

MAKE YOUR OWN MOUTHWASH

Hazel Ayers reports that you can use Goldenseal (Hydrastis canadensis) as a mouthwash. Use a little of the root to make a tea; strain; and refrigerate. Use as needed.

NATIVE WARM-SEASON GRASS NEWSLETTER

The Native Warm-Season Newsletter is geared towards those interested in establishing, managing, or learning more about the grasses of prairies. It is published approximately three times per year. Those interested in obtaining this newsletter should write to Steve Clubine, Missouri Department of Conservation, P.O. Box 250, Clinton, MO 64735.

WOODLAND PLANT PROPAGATION COMMITTEE

The Woodland Plant Propagation Committee of MONPS is interested in learning more about propagation of Missouri native woodland species, and is compiling information on these species, as well as collecting seed and trying various propagation techniques for growing these species.

The committee would like to compile a list of people and companies that collect Missouri native seed or plants for resale. They also intend to prepare a bibliography of published sources (books, pamphlets, videos, etc.) on propagation methods for native plants. They would also like to publish a pamphlet which will feature experiences and success in growing and propagation of Missouri natives. They would like help and information from all members in order to have as much accurate and helpful information as possible.

Below is a questionnaire they would like to ask all members.

1. Are you currently collection or willing to collect seeds of woodland natives? (Permits are required for some state lands.)
2. Are you willing to grow woodland plants from seeds and make them available to MONPS?
3. Are you interested in the research end of seeing what propagation methods are best for each species? Can you keep a journal, write up results, etc.?
4. What specific species are you interested in collecting or growing?
5. What physical facilities for growing do you have access to - grow lights, cold frames, garden space, etc.?
6. Do you want to read through bibliographic sources on propagation and compile information on recommended techniques for Missouri species?
7. Are you interested in the preparation of the propagation pamphlet? (Target date 1995)

Please send information on native seed/plant sources, bibliographic sources of propagation information, and answers to this questionnaire to:

Stephanie Smith, Chair
Woodland Propagation Committee
104 Westwood Avenue
Columbia, MO 65203
(314) 449-5473





- Thursday, Oct 25**
7 pm, Springfield
Monthly meeting of the Springfield chapter, featuring Steven Foster, herbalist, speaking on Medicinal Natives. Meet at the Springfield Nature Center.
- Thursday, Oct 25**
7:30 pm, St. Louis
Annual Show & Tell Meeting of the St. Louis Chapter. Everyone is invited to bring slides, tall tales, botanical trivia, anecdotes and who knows what else! Meet at the Garden Room, Ridgway Center, Missouri Botanical Garden.
- Saturday, Oct 27**
1 pm, Springfield
Field trip to Ritter Springs Park. Meet at Ritter Springs Park.
- Saturday, Oct 27**
9 am, St. Louis
Field trip to Royal Gorge Natural Area, led by Jim Bogler. Meet "Under the Dove" (I-270 and Manchester Rd.) in West County Shopping Center at 9 am, or at the Royal Gorge at 11 am.
- Saturday, Oct 27**
10am-9pm, Columbia
Community Bazaar at Columbia Mall. The Hawthorn Chapter will sponsor a booth and have educational information as well as items for sale.
- Saturday, Nov 3**
9 am, St. Louis
Education Committee Meeting, St. Louis Chapter. Meet at the Ridgway Center, Missouri Botanical Garden.
- Monday, Nov 5**
7 - 9 pm, Columbia
Herbarium & Plant Collecting Techniques Workshop, taught by Robin Kennedy, will be held at Room 103, Tucker Hall, Univ of MO - Columbia. Workshop is free but space is limited, so sign up by calling 314-446-0222.
- Monday, Nov 12**
7:30 pm, Columbia
Monthly meeting of the Columbia, featuring Doug Ladd presenting A New Look at Missouri Woodlands. Held at Farm & Home Savings, corner of Broadway and 8th Streets.
- Sunday, Nov 18**
1 pm, Kansas City
Field Trip to the residence of Richard Heitzman, author of Butterflies and Moths of Missouri. 
- Thursday, Nov 29**
7 pm, Springfield
Native Crafts Workshop, at the Springfield Nature Center.
- Saturday, Dec 8**
10 am, Rolla
Quarterly Board Meeting of the Missouri Native Plant Society. This winter business meeting will include planning & budgeting for next year, and bylaws revision. All members are invited to attend. See article on first page for directions.
- Monday, Dec 10**
7:30 pm, Columbia
Christmas Potluck & Review of the 1990 Activities. Location to be announced. Columbia chapter.

The Daisy
by James Montgomery

*There is a flower, a little flower
With silver cream and golden eye,
That welcomes every changing hour,
And weathers every sky.*

*The prouder beauties of the field,
In gay but quick succession shine;
Race after race their honors yield,
They flourish and decline.*

*But this small flower, to Nature dear,
While moons and stars their courses run,
Inwreathes the circle of the year
Companion of the sun.*



*It smiles upon the lap of May,
To sultry August spreads its charm,
Lights pale October on his way,
And twines December's arm.*

*'Tis Flora's page -- in every place,
In every season, fresh and fair;
It opens with perennial grace,
And blossoms everywhere.*

*On waste and woodland, rock and plain,
Its humble buds unheeded rise;
The rose has but a summer reign,
The Daisy never dies!*

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