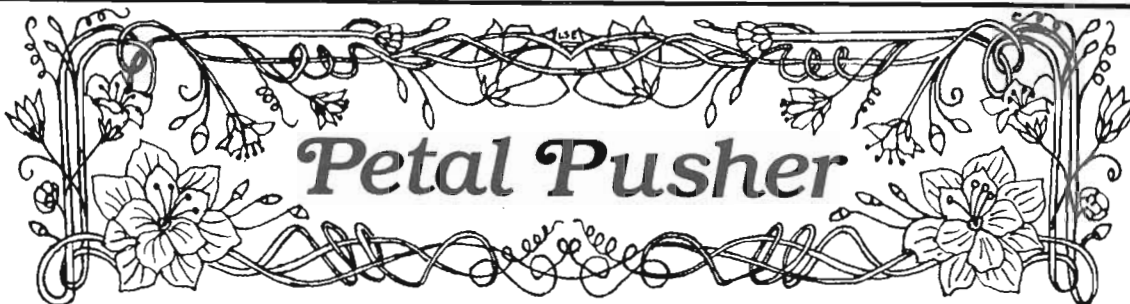


---

# Missouri Native Plant Society

---



---

## Volume 2 Number 2 1987

---

### UPCOMING EVENTS

- March 8th - All Day( and night)  
Skunk Mating Season
- March 17th - St. Patrick's Day  
Wearin' o' the Green
- March 20th - First Day of Spring
- April 7th - Tuesday, 7:30 PM  
Jefferson City Chapter Meeting  
at MDC Headquarters
- April 11th - Saturday - All day  
Quarterly board meeting and  
field trip to Holly Ridge St.  
Forest. See details in this  
issue.
- April 18th-19th Kansas City Chapter  
Plant salvage at Pittsburg-  
Midway Coal, Bates Co.
- May 7th - Tuesday, 7:30 PM  
Jefferson City Meeting at the  
MDC Headquarters.
- May 9th-10th Sat. - Sun. Stone Co.  
Field Trip. Sponcer - Linda  
Ellis - Proposed trip to the  
Tablerock Lake area of Stone  
Co. See inside for details.
- May 27th - Wed. 7:00PM  
Columbia Monthly Meeting  
Betty Grace of the MDC  
will give a program of Prai-  
ries. Rm. 18 Tucker Hall UN.  
of Mo. Campus.
- June 6th - Sat. 8-5 Prairie Day  
Paintbrush Prairie near Sed-  
alia. See details inside.
- June 20th - 21st - Sat and Sun.  
MONPS Annual Meeting some-  
where in the St. Francois  
Mts. Mark your calendars  
now and watch for details  
in the June newsletter.

### An Editorial

The increasing length of daylight is the first thing that does it to me. Yes, and finding that first tiny blue eye of speedwell or bluets. That does it, too. What I'm talking about is the first signs that we can get out and botanize a little. While you are out this year collecting, surveying, admiring or relaxing in our beautiful state, please take a minute of thought for your newsletter.

We, your editors, would like to hear from each of you this year concerning your favorite natural areas, your vacation finds, your successful wildflower garden or your impressions of a summer morning. Take a small notebook with you and jot down a paragraph or two. Nothing you write is too silly or amateurish when your heart is into it. So write it down and share your love of Missouri with us all.

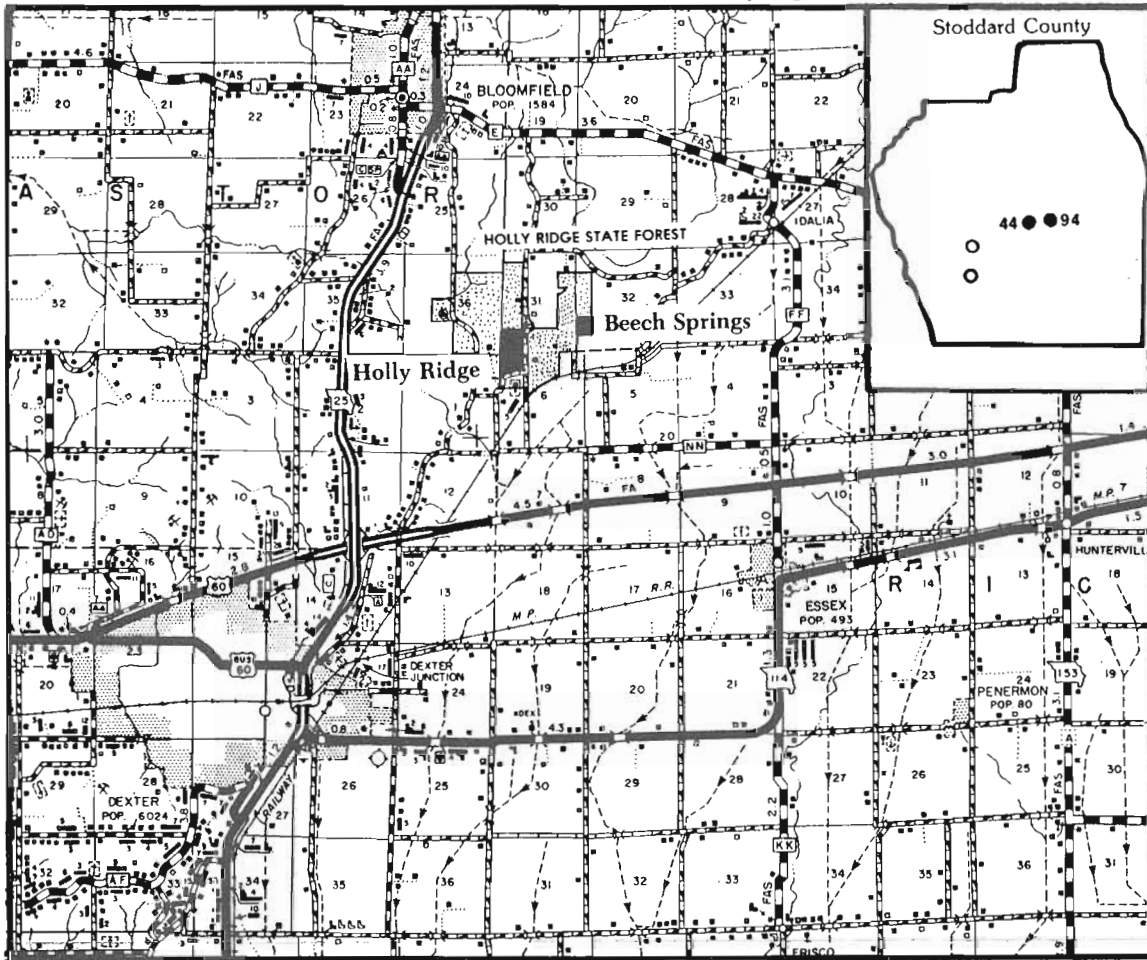
The Editors

---

MONPS ELECTIONS THIS ISSUE

SEE PAGES 6 & 7  
FOR INFORMATION ON CANDIDATES

---



### Holly Ridge Natural Area

An 84-acre area within the Holly Ridge State Forest about three miles southeast of Bloomfield on a county road in the NW¼ NW¼ Sec. 6, T25N, R11E, and the SW¼ SW¼ Sec. 31, T26N, R11E, Dexter 7.5 min. topographic map. Designated February 13, 1976.

**Natural Features**—A natural stand of American holly, a beech-tulip tree-alder forest and a number of other rare and interesting plants in moist, sandy draws in Crowley's Ridge Section of the Mississippi Lowlands Natural Division. Several small springs and spring runs, one containing a state-endangered fish, the goldstripe darter (*Etheostoma parvipinne*). Most of the area is covered by oak-hickory forest. The area was donated to the Department of Conservation by The Nature Conservancy in 1975. For further information contact the District Forester, Bootheel Forest District, Box 631, Poplar Bluff, Missouri 63901, phone 314/785-2846.



American holly (*Ilex opaca*)

### Beech Springs Natural Area

A 35-acre portion of the Holly Ridge State Forest about three miles southeast of Bloomfield in the W½ SW¼ Sec. 32, T26N, R11E, Dexter 7.5 min. topographic map. Access is by foot from a gravel road west of the natural area. Designated December 4, 1981.

**Natural Features**—Several types of upland forest, springs, a small stream and a natural ephemeral pond in Crowley's Ridge Section of the Mississippi Lowlands Natural Division. The soils are loamy sand on the ridgetop and upper slopes, and deep silt loams on the lower slopes and along the creek. Black oak, post oak, serviceberry and farkleberry (*Vaccinium arboreum*) are common on the sandy soils and red and white oak, sweetgum, tulip tree, walnut, American beech and hackberry occur in the more moist sites. This area is owned by the Department of Conservation. For further information contact the District Forester, Bootheel Forest District, Box 631 (116 South Eighth St.), Poplar Bluff, Missouri 63901, phone 314/785-2846.

DONNA PASLEY

RARE PLANTS RECORDED FROM  
HOLLY RIDGE STATE FOREST

ABOUT THE APRIL MEETING

As our newsletter goes to press, there is a possibility that the board meeting will be canceled. Board members will be notified in a separate mailing. However, we will still have the field trip to Holly Ridge State Forest. If we do have a board meeting, it will be a very brief "open air" meeting held at the parking area at the entrance to the State Forest.

9:00 Meet at the Dexter Inn parking lot for travel to Holly Ridge State Forest. Or meet the rest of the group at the entrance to the area (see map).

12:00 Picnic on sack lunches that you have brought along, or wander around Stoddard County trying to find lunch.

Departure Time - Whenever you are ready to leave! See the list of rare plants recorded from the Holly Ridge Area.

Dexter Inn, Dexter, Mo. 314/624-7465  
Rates: Double (2 beds) \$35.00 + tax  
(+ \$2.50 each add'l. person)  
Single (1 king sized bed) \$35.00  
+ tax

There are many other motels in Poplar Bluff, 25 miles west of Dexter.

Arabis missouriensis var. deamii	Deam's Rock Cress
Desmodium strictum	Tick Trefoil
Bartonia paniculata	Bartonia
Trichostema setaceum	Blue Curls
Nyssa sylvatica var. sylvatica	Swamp Black Gum
Epifagus virginiana	Beech-drops
Polygonella americana	Jointweed
Polygonum arifolium var. pubescens	Halberd-leaved Tear Thumb
Pyrus melanocarpa	Black Chokeberry
Viola cucullata	Marsh Blue Violet
Scirpus polyphyllus	Bulrush
Scleria nitida	Shining Nut Rush
Carex swanii	A Sedge
Carex virescens	A Sedge
Carex communis	A Sedge
Carex debilis	White-edge Sedge
Carex laevivaginata	A Sedge
Carex nigromarginata	A Sedge
Cyperus dipsaciformis	Teasel-like Cyperus
Cyperus plukenetii	Plukenet's Cyperus
Cyperus polystachyos var. texensis	Many-spiked Cyperus
Isotria verticillata	Large Whorled Pogonia
Habenaria peramoena	Purple Fringeless Orchid
Habenaria ciliaris	Yellow Fringed Orchid
Habenaria clavellata	Green Wood Orchid
Aristida lanosa	Three-awn Grass
Panicum hians	A Panic Grass
Paspalum setaceum	A Grass
Trisetum pensylvanicum	Swamp Oats
Woodwardia areolata	Netted Chain Fern

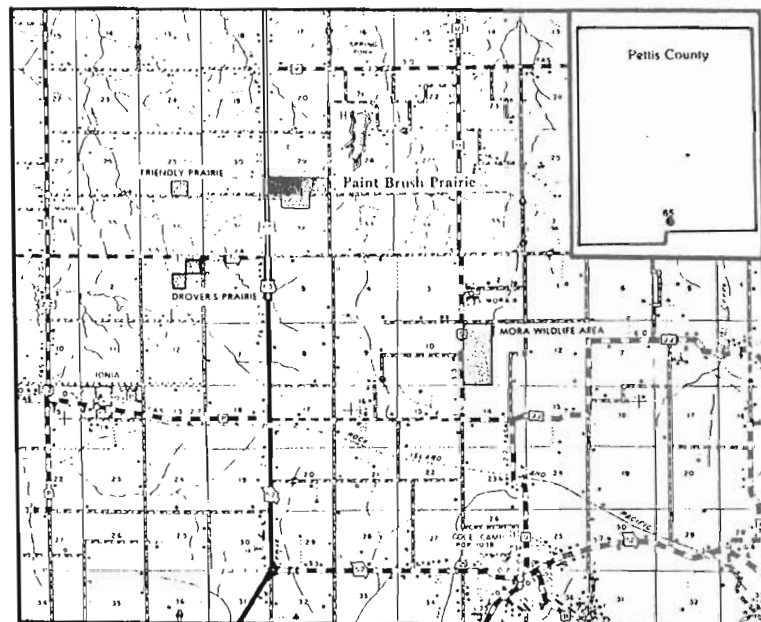
PRAIRIE DAY SCHEDULED

The Department of Conservation's tenth Prairie Day event will be held on Saturday, June 6 at Paint Brush Prairie near Sedalia. The date is about three weeks later than in previous years. "We're hoping to hit the coneflowers blooming and miss the spring rains this year," explain event coordinators Nancy Priddy and Ginny Wallace. Grass pink orchid is known from this prairie and should also be in bloom then.

Prairie Day will feature guided nature walks; talks on the birds, mammals, reptiles and other animals of the prairie; as well as recreated scenes from the past--an early fur-traders' camp, a cattle drovers' camp and more.

Activities will run continuously from 8:00 a.m. to 5:00 p.m. and are open to everyone at no charge. No reservations are required. For more information or a map, write Prairie Day, P.O. Box 180, Jefferson City, MO 65102.

Pettis County 65 Paint Brush Prairie



## Draba

Within a few weeks now Draba, the smallest flower that blows, will sprinkle every sandy place with small blooms.

He who hopes for spring with upturned eye never sees so small a thing as Draba. He who despairs of spring with downcast eye steps on it, unknowing. He who searches for spring with his knees in the mud finds it, in abundance.

Draba asks, and gets, but scant allowance of warmth and comfort; it subsists on the leavings of unwanted time and space. Botany books give it two or three lines, but never a plate or portrait. Sand too poor and sun too weak for bigger, better blooms are good enough for Draba. After all, it is no spring flower, but only a postscript to a hope.

Draba plucks no heartstrings. Its perfume, if there is any, is lost in the gusty winds. Its color is plain white. Its leaves wear a sensible woolly coat. Nothing eats it; it is too small. No poets sing of it. Some botanist once gave it a Latin name, and then forgot it. Altogether it is of no importance--just a small creature that does a small job quickly and well.

From: Aldo Leopold A Sand County Almanac. ©1966 Oxford University Press.

### Stone Co. Field Trip

For over twenty-five years, my family has operated a fishing resort on the James River arm of Tablerock Lake. I am proposing a field trip to this area. This is a very pristine area within the Cape Fair quadrangle comprised of oak-hickory forests and Ozark glades. We can expect to see several plants unique to this area including *Cladrastis lutea* and *Delphinium Treleaseii*. Accommodations will be available at Cedar Hollow resort. Cabins have two bedrooms with complete kitchens so just bring your food, or a cafe and a grocery is available locally. This is also one of the better bass fishing areas of the lake for those of you that might want to wet a line between botanizing. Please notify by mail to the below address by May 1st, so we can know how many will need units.

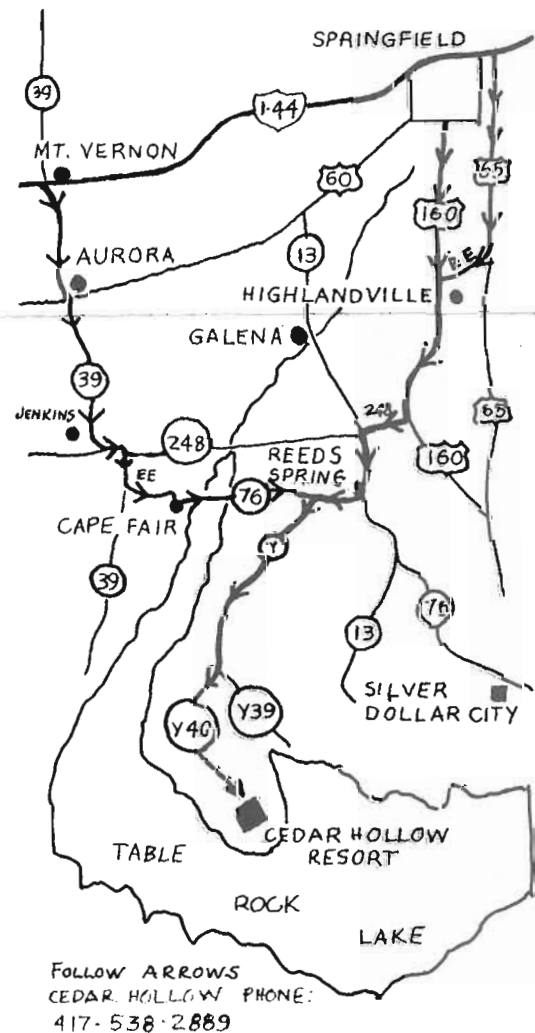
I plan on taking you out by boat to some of the areas I have been hiking which are unaccessable except by this method. You will see Ozark streams and waterfall areas, towering cliffs and untouched glades. For further information, contact me at the address in the back of the news letter or send reservations directly to Cedar Hollow. Rates are as follows:

2 persons per unit for two nights  
(Friday and Saturday) \$27.00 per night.

3 or 4 persons per night \$33.00 per night.

Units are big enough to sleep six if necessary with the addition of rollaways if you wish to double up. Also campers can hook up to 110 or tents are welcome in the yard. Swimming is available in the lake and Branson is close enough to make evening shows, if you wish.

Cedar Hollow Resort, Rt. 3, Box 146, Galena Mo. 65656.  
Mr. and Mrs. Harold Ellis, Prop.  
or Linda Ellis, address last page.



SPRING  
By Ginny Wallace

I took my fitness walk on the trail behind the office at noon today (March 6). Somehow I just couldn't get into high gear. The spring peepers were peeping in the ponds and a male Cardinal, inspired by the 70+ temperature, serenaded his lady-love.

By the time you read this Spring will be here in full force. Today it feels like it's here, even though the calendar tells me it won't arrive for two more weeks. For me, though, Spring is already here. It came on February 22 when I took the boys to a nearby park to look for harbinger-of-spring - and found it blooming. On the same day we found Draba verna (vernal whitlow grass) in bloom on a lawn. Saturday (March 7) we hiked at Ha Ha Tonka and saw harbinger-of-spring, false rue anemone, spring beauty, pale corydalis and toothwort blooming.

As you read this the flowers of Draba and harbinger-of-spring will have faded. Dutchman's britches, bloodroot, trillium and others will be out in full force. Keep an eye out for these and others as you walk the woods and fields, shaking off winter's dullness. Spring is here.

Here are a few flowers to look for. What can you add to the list?

Harbinger-of-spring, Erigenia bulbosa  
Aromatic sumac, Rhus aromatica  
Dutchman's britches, Dicentra cucullaria  
Pale corydalis, Corydalis spp.  
Dogtooth violet or trout lily, Erythronium spp.  
Serviceberry, Amelanchier arborea  
Bloodroot, Sanguinaria canadensis  
Pussey's toes, Antennaria neglecta & plantaginifolia  
Rue anemone, Anemone thalictroides  
False rue anemone, Isopyrum biternatum  
Wake robin and other trilliums, Trillium spp.  
Spring beauty, Claytonia virginica  
Toothwort, Dentaria laciniata  
Bellwort, Uvularia spp.  
Jacob's ladder, Polemonium repens  
Flowering dogwood, Cornus florida  
Redbud, Cercis canadensis  
Wild plum, Prunus americana  
Wild sweet William, Phlox spp.  
Bluets, Houstonia minima  
Indian paintbrush, Castilleja coccinea  
False garlic, Nothoscordum bivalve  
Blue-eyed grass, Sisyrinchium spp.  
Yellow star grass, Hypoxis hirsuta  
Shooting star, Dodecatheon meadii

NEWS FROM MEMBERS

MoNPS vice-president Sherry Morgan has taken a job with the U.S. Fish and Wildlife Service in State College, Pennsylvania. She will be in the Office of Ecological Services. Sherry came to Missouri in 1979 to work with rare and endangered plants. She has contributed a great deal to our knowledge of many of these species through her research and monitoring, and has shared that knowledge through programs and articles. She has also been active in MoNPS, organizing and attending many meetings and field trips, and presenting programs, not to mention serving as V.P. for the past two years.

We wish you the best of luck, Sherry. Know that you will be sorely missed.



NEWS FROM THE DEPARTMENT OF CONSERVATION

Some recent happenings at MDC will be of special interest to MoNPS members.

Land Purchased: Members who were able to attend the field trips to Pickle Springs in May and Sept. will be happy to know the Department has added 81 acres to the area. Five acres are along Dorlac Road. The significant addition is the 76 acres to the north. This area includes the population of Isotria verticillata, one of only three in Missouri.

Inventory Begins: With support from The Nature Conservancy, the Department is initiating a natural features inventory of six counties in the Kansas City area: Buchanan, Clinton, Platte, Clay, Jackson and Cass. Tim Smith, inventory biologist with MDC (and MoNPS member), is conducting the inventory. He will be searching for high quality natural communities and endangered species sites.

YOU CAN HELP. Perhaps you know of a patch of undisturbed old growth forest, prairie, marsh or glade. Perhaps you know the location of an endangered plant or animal. If you do, Tim would like to hear from you. Write to him at P.O. Box 180, Jefferson City, MO 65102.

Flora of Missouri Update: The Conservation Department has entered into an agreement with the Missouri Botanical Garden to update Steyermark's Flora of Missouri. Under the agreement the Conservation Department will hire a botanist for a term of six years beginning July 1. The botanist will work at the Missouri Botanical Garden. The Iowa State University Press owns the copyright to the Flora and has expressed interest in printing the revision. MoNPS members' efforts in updating county records will be an important contribution to this work.



## WELCOME TO NEW MEMBERS

Joyce and Leighton Broughton, St. Louis Chapt.  
Ing-Len Chang, Kirksville Chapt.  
Keith Clancy, Mississippi State, MS  
Kathleen Cook, St. Louis Chapt.  
Rosemarie Diederick, Kirksville Chapt.  
Marita Glover, Cedar Creek (Springfield Chapt.)  
Jane Hutson, St. Louis Chapt.  
Mickey Lyons, Kirksville Chapt.  
A.W. and Peggy Morlock, Tipton (JC Chapt.)  
Joan Murphy, Kirksville Chapt.  
Ferol Potter, Columbia Chapt.  
Tom Richardson, Springfield Chapt.  
Leslie Shader, Fort Collins, CO (St. Louis Chapt.)

## NEWS FROM THE JCMONPS CHAPTER

We've had a busy winter and are anxiously awaiting spring. One of the highlights of the year was our Feb. 7 trip to the Missouri Botanical Garden. We were joined by members from Kansas City and Columbia. St. Louis Chapter president Bill Summers and members served as our guides to the orchid show, desert and Mediterranean houses, Climatron, Linnean House, and the English Woodland and Japanese Gardens. Nancy Morin gave us an excellent tour of the Herbarium. The weather was perfect and witch hazel was blooming. We hope to make this an annual event.

We have a busy spring planned with field trips scheduled for April 4, 18, May 2, 16 (float trip!), and June 6 (to Prairie Day!). We will have had a booth at Capital Mall on March 21 and 22 to raise money for some projects and let Jefferson Citizens know of our existence.

We invite all MoNPS members to join us. For dates, locations and times of chapter activities, call Ginny Wallace days (751-4115) or evenings (496-3492).

## Kansas City News

The last week in February was busy for the members of our chapter who worked booths in the Lawn and Garden Show. The week long event was more attractively done than in a number of previous years. The only mar in an otherwise well done event was the terrariums of dug walking fern and lady fern that the "Heart of America African Violet Association" was selling.

Tuesday, March 10th, we had our regular meeting at the Geoscience Building at UMKC campus. This was the first meeting with our new officers, Pres. Homer Janssen, Vice-pres Linda Ellis, and Treasurer Alexandra Janssen. Judy Oettings remains as Secretary. After two rounds of voting and a coin toss to break the tie, we chose the name, "K.C. Royal Catchfly Chapter" Homer then gave us details on our upcoming plant salvage operation at Pittsburg-Midway Coal Co. in Bates Co. The plants will go to Martha Lafite Thompson Wildlife Sanctuary, Burr Oak and Powell Gardens. Ona Gieschen has been working with developers near Parkville Mo. to obtain us permission to salvage a woodland destined to become a housing project. Patricia Dunn is working to get us some PR for increasing membership in conjunction with Martha Lafite and Judith Twichell is investigating the possibility of the members leading plant tours at Fort Osage Frontier Days.

MONPS

## ELECTIONS

In the last newsletter a slate of candidates was presented to the membership. No additional nominations were received. Biographical information is provided below on all of the candidates. Please mark and return your ballots by May 1st.

### President: Doug Ladd

Presently Doug is the Director of Stewardship and Registry Programs for the Missouri Chapter of the Nature Conservancy. Before joining TNC, Doug was the naturalist at Bennett Spring State Park for six years. He holds an M.S. degree in botany from Southern Illinois University at Carbondale and has written several technical papers on plant ecology, floristics, community classification, and lichen ecology and taxonomy.

### Vice-President: Kenton Olson

Dr. Olson has been a professor of biology at The School of the Ozarks since 1971. He received his Ph.D. in botany and horticulture from the University of Wisconsin in Madison. He is the first professor to hold the Henry Harold Chair of Biological Sciences at the School of the Ozarks (appointed in 1986). Dr. Olson's current research interests center around the study of fungi in the White River Ozarks area.

### Secretary: Lynda Richards

Lynda has worked since 1983 as a forestry technician for the USDA Forest Service on the Rolla Ranger District of the Mark Twain N.F. She marks timber, inspects wildlife, regeneration, and timber stand improvement contract work. Lynda also is active in the Ozark Rivers Audubon Society and plays in the UMR orchestra. She holds a B.S. in entomology from Iowa State and a Ph.D. in zoology from Washington State.

### Treasurer: Mervin Wallace

Merv has served as treasurer for the past two years and generously agreed to run again. He holds a B.S. from The School of the Ozarks and did some graduate work at the University of Arkansas and Lincoln University. Merv has had a strong interest in native plants for several years, teaching local wildflower workshops, working two summers for TNC searching for rare and endangered plants, and is presently owner of Missouri Wildflowers Nursery in Jefferson City.

Continued page 7

## OFFICERS

President.....David Castaner  
Herbarium  
Biology Dept.  
Central Missouri  
State University  
Warrensburg MO 64093

Vice-President.....Sherry Morgan  
PO Box 180  
Jefferson City MO  
65102-0180

Secretary.....Joanna Turner  
166 N Brentwood  
St. Louis MO 63105

Treasurer.....Mervin Wallace  
PO Box 6612  
Jefferson City MO  
65102

## BOARD MEMBERS

Patrick DeLozier, Kansas City  
Linda Ellis, Kansas City  
Karen Haller, St. Louis  
Jim Key, Springfield  
Doug Ladd, St. Louis  
Wally Weber, Springfield

## COMMITTEES

Field Trip: Ken McCarty

Grants: Ginny Wallace  
Paul Nelson

Awards: Ginny Wallace  
Paul Nelson

Missouri Flora Atlas: Wally Weber  
Coordinator

Membership: Ginny Wallace

Contact with committee members can be made through PO Box 6612, Jefferson City MO 65102.

## EDITORS

Linda S. Ellis  
911 W 48th St. #105  
Kansas City MO 64112

Sue Hollis  
3311 Gillham Rd  
Kansas City MO  
64109

## Elections Continued

**Board Member #1: Nancy Morin, Bill Summers**

Nancy R. Morin has been Curator of the Herbarium at Missouri Botanical Garden in St. Louis since 1981. She was editor of Missouriensis 1983-1986. Nancy received her Ph.D. from the University of California at Berkeley, followed by a postdoctoral fellowship at the Smithsonian Institution in Washington, D.C. She studies the Campanulaceae, the bellflower family, and is interested in the evolution of this family in North America.

Bill Summers is a charter member of MONPS, and received the Society's first Research Award last June. He is a former board member, currently serves as President of the St. Louis chapter and has led many field trips for MONPS and other organizations. Bill is the author of Missouri Orchids and enjoys photographing orchids as well. He has turned in many rare plant records and enjoys botanizing in the Ozark Region near West Plains. Bill works as a printing supervisor in Affton.

**Board Member #2: Linda Ellis, Tim Smith**

Linda Ellis is an artist and amateur botanist and lives in the Kansas City area. She specializes in botanical and wildlife illustration and has done contract work for the Conservation Department and the Department of Natural Resources. Currently she is the co-editor for the MONPS newsletter, the Petal Pusher. Linda received a MONPS travel grant last year to search for rare plants in Stone and Taney counties. She also enjoys photographing wildflowers.

Tim Smith is a native of Mississippi who moved to Jefferson City last June to accept an Inventory Biologist position with the Conservation Department. Tim holds an M.S. in botany from Mississippi State University and worked on woody plant distribution and taxonomy for his degree. He was active in the native plant society in Mississippi and was appointed to represent MONPS on the Conservation Federation Board (appointed by Dave Castaner at the December board meeting).

Non-profit Organization  
U.S. POSTAGE  
PAID  
Jefferson City, MO  
Permit No. 352

MONPS  
P.O. BOX 6612  
JEFFERSON  
CITY, MO. 65102

MISSOURI NATIVE PLANT SOCIETY  
DEDICATED TO THE PRESERVATION OF MISSOURI NATIVE PLANTS  
P.O. Box 6612, Jefferson City, Mo. 65102

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY/STATE: \_\_\_\_\_  
ZIP: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

STATE MEMBERSHIP CATEGORIES

- \_\_\_\_ Student..... \$2.50
- \_\_\_\_ Regular (Individual, Family)..... \$5.00
- \_\_\_\_ Contributing..... \$15.00
- \_\_\_\_ Sponcering..... \$50.00
- \_\_\_\_ Sustaining..... \$100.00
- \_\_\_\_ Group..... \$25.00

I also wish to be affiliated with the chapter indicated below.

St. Louis \_\_\_\_ Dues: \$3.00    Kansas City \_\_\_\_ Dues: \$5.00

Springfield \_\_\_\_ Dues: \$5.00    Columbia \_\_\_\_ Dues: \$5.00

Jefferson City \_\_\_\_ Dues: \$5.00    Kirksville \_\_\_\_ Dues: \$5.00

Membership is not limited to one chapter. Those requesting a chapter affiliation will receive the State and chapter newsletter regardless of whether they live in the area or not. Members not receiving the chapter newsletter are still welcome to participate in chapter activities and meetings.

In addition, I wish to give the following gift memberships.  
Please supply name and address list with gifts. \_\_\_\_\_