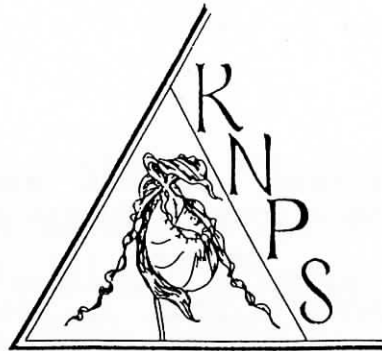


The Kentucky Native Plant Society



Newsletter: Volume 4, Number 2

May 1989

The Kentucky Native Plant Society was founded in 1986 as a botanical organization for all persons interested in the native flora and vegetation of the state. The goals of the KNPS are to serve as a medium of information exchange, to promote native plant conservation, public education in botany, and botanical research in Kentucky.

FALL MEETING AT KENLAKE STATE RESORT PARK, SEPTEMBER 9-10 TRIPS TO THE LAND BETWEEN THE LAKES AND MURPHEY'S POND

The Fall KNPS Meeting will involve a Saturday hike to LBL from 1-4 pm, a business meeting at Kenlake Lodge at 7 pm, a slide show on the Plants and Animals of Murphey's Pond at 8 pm, and a field trip to Murphey's Pond on Sunday morning from 8:30 am to noon. A block of rooms has been reserved in the name of KNPS so please make your reservations now (Call 502-474-2211, and be sure to mention that you will be attending the KNPS meeting. The cost is \$44.94 for a double and 34.24 for a single. The rooms must be reserved by August 9). The Kenlake State Resort Park is located near Aurora, just east of the junction of US 68 and KY 80, on the western side of Kentucky Lake. Other motels are located nearby in Murray. Details of the events are given below. Please attend if at all possible.

9 September (Saturday): 1 p.m. LAND BETWEEN THE LAKES. Led by Dr. Wayne Chester. Meet at the Woodlands Nature Center near the Lyon-Trigg County line in Kentucky. The Nature Center can be reached by taking the HW 453 exit off I-24 and driving south on The Trace about 15 miles into LBL, then turning east on Silver Trail Rd (the route to the Nature Center is well-marked). Dr. Chester will lead an easy-walking hike around Hematite Lake to view a variety of habitats, including old-growth white oak forest and swampy sites. Several interesting plants, such as Panax quinquefolius (ginseng), Hydrastis canadensis (yellowroot), and possibly the very rare Apios priceana (Price's groundnut was recently listed as federally threatened) should be present, as well as the typical fall flora of the area. There will also be time for a visit to the Nature Museum and for viewing a slide show on the history of LBL and of this iron-mining region of western Kentucky. Abundant wildlife should also be present. Dr. Chester can be reached at the Biology Department, Austin Peay State University, 615-648-7781.

9 September (Saturday): 7:00 p.m. KNPS BUSINESS MEETING, at Kenlake Lodge meeting room A. A meeting will be convened to discuss KNPS

business; current and new projects will be described, and suggestions on future KNPS plans will be solicited.

9 September (Saturday): 8:00 p.m. THE PLANTS AND ANIMALS OF MURPHEY'S POND, in Kenlake Lodge meeting room. Speakers: Drs. Harold Eversmeyer (botanist) and C. D. Wilder (herpetologist) of the Biology Department, Murray State University. The wetland communities of Murphey's Pond, one of the best remaining bald cypress swamps in western Kentucky, will be described.

10 September (Sunday): 8:30 a.m. FIELD TRIP TO MURPHEY'S POND. Meet at Kenlake parking lot. Drs. Eversmeyer and Wilder will lead a trip to Murphey's Pond, about an hour's driving distance away. They will then lead an easy walking hike around the perimeter of the pond so that hikers can view and photograph this swampland community of a type which is so rapidly disappearing from western Kentucky.

CALENDAR OF OTHER FIELD TRIPS

15 July (Saturday): 10:00 a.m. ARBORETA AT SPRING GROVE CEMETERY AND MT. AIRY IN CINCINNATI. Led by Dr. John Thieret. Spring Grove, a huge cemetery chartered in 1845, has a superb collection of woody plants. Gymnosperms and angiosperms are both well represented, including a number of unusual species. Some huge yellow-woods (*Cladrastis*) are also present. Mt. Airy has a small but notable representation of gymnosperms, including several seldom-seen cultivars. The cemetery is also impressive with its most beautiful grounds and the garish opulence of the many many monuments to the departed.

Meet at the Northern Kentucky University campus in Highland Heights at 10:00 a.m. From I-75 take I-275 east (staying in or next to the right-hand lane) to the U.S. 27/Alexandria exit. (Ignore an earlier turn-off to the university). (Should you miss U.S. 27/Alexandria, you will end up across the mighty Ohio River in the state of Ohio). Turn right--south. At the second traffic signal, turn right into the NKU campus. Go straight down the main road until you see a parking lot on the left. The parking lot is the meeting place.

From NKU to Spring Grove is about a half-hour ride. The field trip should conclude no later than about 3:30 (to "beat" rush-hour traffic out of Cincinnati--it can be horrendous). For those who must have lunch, bring a sandwich and a can of soft drink for surreptitious dining (picnicking is forbidden in the cemetery).

12 August (Saturday): 10:00 a.m. FERNS AND WILDFLOWERS OF CARTER CAVES STATE PARK. Led by E. H. Richards and John Tierney. Meet at the Lodge at 10 am for an excursion around the park, and if time permits, a trip to nearby Lockegee Rock in Rowan County. There will be a break at noon for lunch at the park or you can pack your own. Prepare to learn some ferns, for Mr. Richards is one of our best fern experts in the state. Call 606-441-4838 for more information.

Report on the Wildflower Weekend at Natural Bridge by Ron Jones

The Wildflower Weekend of May 5-7 at Natural Bridge State Resort Park was big success, even though the weather did not exactly cooperate. A heavy downpour did force the cancelation of the Friday afternoon hike, but most of the other scheduled hikes went off without a hitch. Rain and cold temperatures did not dampen the spirits of the faithful. The Friday evening program was very well attended by about 100 people; they heard Dr. William Martin give a very interesting discussion on the problems of managing our natural areas. On Saturday morning the weather remained cool (you might say cold!) with scattered rain. Even so 10 to 20 people were willing to brave the elements for each of the morning field trips, and were rewarded with sightings of rare orchids and spectacular scenery. An impromptu field trip to Gray's Arch on Saturday afternoon by the Baskin, Goodrich, and Jones parties encountered alternating episodes of rain, sleet, and sunshine, which made for an interesting if atypical spring hike. We observed many of the blueberries in flower and a number of lady's slippers were spotted along the path.

On Saturday evening a KNPS business meeting was held with about 30 people in attendance. Numerous items were discussed, including plans to publish another book (this one on rare plants), updates on our projects, finances, and memberships, the need for wetland and rare plant protection in the state, and plans for the fall meeting.

There was a big turnout for the Saturday evening program, again over 100 people. Because Dr. Mohlenbrock, the scheduled speaker was ill and unable to attend, we had 2 speakers--Julian Campbell and Richard Hannan. Julian gave an account of some of the rare plants and plant communities he encountered during his work on the Stanton Ranger District last year, and he showed some absolutely spectacular photographs. Richard gave a highly entertaining (including his own duck-calling sound effects) and thought-provoking program on the critical need for rare plant protection in Kentucky. As Richard pointed out, Kentucky and West Virginia are the only 2 states in the mid-south without some kind of plant protection laws, and as it stands now any state highway or other construction project can proceed without regard for endangered plant species as long as federal funds are not involved. There is also the problem of plant diggers--those that dig plants for sale as medicinal herbs or ornamentals. The amount of plants taken from Kentucky is unknown and completely unregulated, except for ginseng. Not only are Kentuckians digging rare plants for sale but the word is out--Kentucky has no laws, and is ripe for picking by outsiders. There are reports of rare plants from Kentucky and Tennessee being sold at herb markets as far away as Seattle, Washington. (There is some hope that rare plant legislation will be introduced at the next session of the Kentucky legislature, so please write your state representatives and let them know you support the protection of our endangered plant species.)

Richard concluded his program by noting that we must think in the long-term, of what kind of state we are leaving for our children, of what kinds of habitats and plant and animal

communities will be left for our children to enjoy, and for their children? Will there be any quality wetlands, any good stands of bottomland hardwoods left in 20 years? Not if the coal companies get their way. As recently detailed in the newspapers, plans our currently underway and permits are being sought to stripmine large areas of bottomland hardwoods in the western Kentucky coalfields. The owners, who have political ties to the Governor, have declared that they will donate other wetland areas (that happen to be treeless and of much poorer quality) to the state in return for permission to stripmine these wooded wetlands. Is this acceptable? It would be many generations before these wetlands can return to forest. Hasn't there already been enough destruction of our wetlands (and eastern coalfield habitats as well)? Isn't it time to say ENOUGH!

These are the kinds of thoughts stimulated by the comments and photographs presented by Julian and Richard at the Saturday evening program; it was a stirring message and had an emotional impact on many in the audience. Many thanks go to Julian and Richard for volunteering at a very late date to help us out with the Wildflower Weekend.

Those of us that stayed overnight at Natural Bridge were treated to a rare event on early Sunday, a May snowfall, and it was a beautiful sight to see the snow falling through the hemlocks, so unexpected, but somehow, appropriate.

This was the most ambitious weekend project so far for KNPS, and the general consensus is that it was well worth the effort. Who knows what the turnout would be if the weather was good! So it is likely that more such weekends will be planned in the future.

A less ambitious, but nevertheless very interesting weekend has been planned for our fall meeting on September 9 and 10 at Kenlake State Resort Park (see above for details). The combination of field trips to the Land-between-the-Lakes and Murphey's Pond should be a big draw, and it is hoped that a good number will attend. This is a good chance for all you members out there in the Murray and Paducah areas to attend KNPS events, as well as members from central and eastern Kentucky to see some different plants and plant communities. So make your reservations at Kenlake and let's have a big turn-out. See you there.

DUES REMINDER

Please check your address mailing label. If an "89" is not printed above your name then you are not paid up for 1989, and THIS IS YOUR LAST NEWSLETTER unless you renew. Please send in your \$3.00 now so that you won't forget.

LAST CHANCE TO ORDER FLORA AND VEGETATION BOOKLET

The original printing of 500 booklets has now been sold out. A few additional copies will be printed with a spiral-bound cover by EKV Printing. If you want a copy and have neglected to do so, please order now at \$4.00 each (to cover xeroxing, binding, and mailing). The booklet will not be advertised again.

KNPS T-SHIRTS ARE NOW ON SALE

See enclosed order form for details.

WILDFLOWERS ON KENTUCKY ROADSIDES by Hal Bryan

The Kentucky Department of Highways has initiated an experimental plot to investigate the use of wildflowers on Kentucky's highways. A recent regulation mandated that 1/4 of one percent of federal road funds be used to establish wildflowers on newly established highways.

Several states have been using state funds for years to grow native species on rights of way and have found them to be both beautiful and cost-effective. Two of our neighboring states, Ohio and Illinois, have even established transportation-funded nurseries to supply the large quantities of hard-to-find seed needed for this effort. These prairie states have found wildflowers to be successful as an attractive ground cover that requires little maintenance, especially when used with native grasses.

However, Kentucky is a different situation. We are not a prairie state, and our higher temperatures and abundant rainfall make weed growth and woody vegetation a problem on our roadsides. So we've begun an experiment to see which native wildflowers might make an attractive addition to our roadsides. About twenty species such as brown-eyed susan, blazing star, sunflowers, asters, bergamot, butterfly weed, coneflowers and false dragon-head were sown in the fall of 1988 in an experimental plot of I-64 near the Shelby-Franklin County line. These and other species were chosen to provide a variety of color over much of the year, to grow in the open, and to survive without intensive cultivation. Almost all are perennials and some may require more than one year to flower. Seeds of many of our most beautiful native plants are not available from commercial nurseries, and therefore are not in sufficient supply to cover the miles of roadside that we hope to someday establish. However, all of our seeds in this first planting were obtained from the Lafayette Home Nursery in Lafayette, Illinois 61449, who have an incredible inventory of native plants. A future KNPS newsletter will include a complete list of species being used.

The Kentucky Department of Highways will establish another experimental plot on I-64 near Frankfort in 1989. Both plots will be monitored too see which species will adorn our roadsides at the lowest long-term cost.

ROADSIDE WILDFLOWER PROJECT AT TAYLORSVILLE LAKE by Danny Barrett

Taylorsville Lake (owned by the Corps of Engineers) is in the process of starting a roadside wildflower project. Richard Cassell and Hal Bryan (both KNPS members) have agreed to coordinate the activities. Plans are to collect seeds and prepare the site this growing season. Seeds will be sown this fall. The area will be arranged in such a manner that determinations can be made on which plants exhibit the best growth under different environmental conditions. Assistance in planting, seed bed preparation, and seed gathering is needed. Seeds from a variety of plants will be

required, and assistance in gathering them would be particularly useful. A complete list of desirable plants will be included in the next newsletter. Further information can be obtained by contacting Park Manager Bonnie Bryson, at the following address:

Bonnie Bryson, Park Manager, U.S. Army Corps of Engineers,
Rt. 2, Box 88, Taylorsville, KY 40071-9801.
Phone: 502/477-5553.

UNIVERSITY OF KENTUCKY ARBORETUM CONTINUES COLLECTION

The University of Kentucky has committed about 100 acres of its campus in Lexington to an arboretum. Funds have already been spent on a master plan, an initial collection effort, and development of a special nursery at U.K. About half of the area will be devoted to native woody plants. A thorough collection effort is continuing, aiming to get all the native species represented, with larger numbers of the more common tree species. All suitable methods of collection and propagation are being tried. Any help from KNPS members or others would be much appreciated. Please contact Julian Campbell (606/271-4392) or Bob McNeil (606/257-8903) for further information on our needs.

KNPS SLIDE COLLECTION by Wilson Francis

KNPS is assembling a collection of photographs of Kentucky's native plants that will be used in future project such as audio-visual programs and publication. We need slides of all kinds of plants, not just spring wildflowers, and we need slides of all parts of plants, not just the flower. The leaves, fruits, buds, twigs, or anything else that is significant about a particular plant should be photographed. We need slides of different plant habitats and unusual communities, as well.

We need to restrict the format to 2x2 inch slides, and only plants that are native to Kentucky should be included. Each slide should be labelled with the photographer's name and it would be very helpful if slides were accompanied by a list that identified the plant and told where it was found. The slides will be catalogued and will become the property of KNPS. Copies will be accepted, though for any publications we will eventually seek special arrangements to make prints from the originals.

If you have slides of Kentucky's native plants that you would like to donate to the KNPS slide collection, send them to Wilson Francis, Natural Bridge State Park, Slade, KY 40376. Also, if you would like to become directly involved in developing slide shows or illustrated wildflower publications, don't hesitate to let us know.

INDEX OF CURRENT PLANT SYSTEMATIC AND ECOLOGICAL RESEARCH IN KENTUCKY

by Ron Jones

This is the first time that an index of current botanical research in Kentucky has been compiled. It is based on a form that was mailed to researchers in the Fall of 1988. Obviously the list is not exhaustive. Some researchers were likely overlooked, and some neglected to return their forms. If there are those that would like to be included in this index for 1989, but have been omitted, please send in the pertinent information, as explained below, and you will be included in an addendum to the Index which will be published in the November, 1989 newsletter. Any corrections to the listing given below should also be mailed in time to appear in the November newsletter. (Send information to KNPS return address).

This listing is intended to act as a clearinghouse of information only, and no judgements will be made on the projects themselves. It is hoped that this Index will help to reduce duplication of research efforts, and will serve as a common reference source for information concerning botanical research in Kentucky. Research by Kentucky botanists in other regions of the country, or by botanists outside the state doing research in Kentucky, may all be included in the Index. It is anticipated that the Index will be updated on a biennial basis.

The sequence of information included is as follows: principal investigator and co-investigator (if any); title of project; dates of initiation and planned termination (a question mark indicates no definite plan for completion); description of the project; addresses and phone numbers.

Abner, Joseph. Flora of Jackson County. 1986-89. To document the vascular plants and describe the plant communities in the county. Advisor: Ronald L. Jones. Department of Biological Sciences, Richmond, KY 40475. 606-622-6257.

Baskin, Jerry M. and Carol C. Baskin. Ecology of cedar glade endemics of southeastern United States. 1966-?. To understand the life cycle adaptations and the community and geographical ecology of plant taxa endemic to cedar (limestone) glades. School of Biological Sciences, University of Kentucky, Lexington, KY 40506-0025. 606-257-8770.

Baskin, Jerry M. and Carol C. Baskin. Germination ecophysiology of herbaceous plant taxa in temperate eastern North America. 1966-?. To understand the ecology and ecophysiology of the various seed dormancy types represented in eastern temperate North America. Address given above.

Boettcher, Susan E. Influence of individual Liriodendron tulipifera and Tsuga canadensis, and of Rhododendron maximum on small-scale variability in soil characteristics of Tight Hollow, Wolfe County, Kentucky. 1987-1989. To examine the "single tree influence circle" concept in old-growth ravine forests on steep

slopes; effects of plant species on soils, herbs, and worms.
Advisor: Paul J. Kalisz. Department of Forestry, University of Kentucky, Lexington, KY, 40546-0073. 606-257-7606.

Bryan, Hal. and Stephen P. Rice. The ecology of the rare endemic Arabis perstellata (Franklin County, Kentucky). A long term monitoring project initiated in 1986. To discuss the life history of A. perstellata, including survival, seedling production and persistence. Ecologist Division of Environmental Analysis, Kentucky Transportation Cabinet, 419 Ann Street, Frankfort, Kentucky 40601. 502-564-7250.

Bryan, Hal. Wetland monitoring projects in Rowan County and Hickman County, Kentucky. 1989-?. To study plantings survival and volunteer encroachment; also water quality, flora, and fauna. Address given above.

Bryant, William S. Vegetational and successional studies in central Kentucky woodlands. On-going. Department of Biology, Thomas More College, Crestview, KY 41017.

Campbell, Julian. Rare species inventory of the Daniel Boone National Forest. 1987-93. To report on the status of rare plants in each district of the DBNF. 3468 Greentree Rd, Lexington, KY 40502. 606-271-4392.

Campbell, Julian. The genus Elymus (wild rye) in Kentucky. 1986-90. To determine the species of distributions of wild rye in the state. Address given above.

Campbell, Julian, Ronald L. Jones, Ralph Thompson, John Thieret, and Max Medley. An atlas of the Kentucky flora. 1988-? To provide county dot-map distributions of of the vascular plants of Kentucky. Address given above. RLJ--Department of Biology, ECU, Richmond, KY 40475. RLT--Biology Department, Berea College, Berea, KY, 40404. JT--Biology Department, Northern Kentucky University, Highland Heights, KY, 41076. MM--Biology Dept, UL, Louisville, KY, 40292.

Chester, Edward W. The vascular flora of Land Between the Lakes (Trigg County/Lyon County, Kentucky). 1986-1990. An annotated account of the Land Between the Lakes vascular flora. Department of Biology, Austin Peay State University, Clarksville, TN. 37044. 615-648-7785.

Chester, Edward W. The Styracaceae of Kentucky. 1988-1989. Document occurrences and distribution of species in the state. Address given above.

Cypher, Ellen. Taxonomy and Ecology of Phlox bifida Beck (Polemoniaceae). 1986-1990. To determine whether Phlox bifida ssp. bifida and ssp. stellaria should be retained as separate subspecies and whether the latter should be listed as endangered. Advisor: Dr. Robert Mohlenbrock. Department of Botany, Southern Illinois University, Carbondale, IL 62901-6509. 618-536-2331 ext. 59.

Guetig, Richard G. Flora of Estill County, Kentucky. 1987-89. Documentation of the vascular flora and description of the plant communities of Estill County. Advisor: Ronald L. Jones. Address: 235 Pennsylvania Ave. Louisville, KY 40206. 502-895-6299.

Hoagland, Bruce. Wetland and aquatic flora and vegetation of the upper Green River Basin (Adair County/Casey County/Lincoln County Kentucky). 1988-1989. To document vascular plants, describe the wetland communities, and record present state of wetlands in upper Green River basin. Advisor: Ronald L. Jones. Department of Biological Sciences, Eastern Kentucky University, Richmond, Kentucky 40475.

Jones, Ronald L. The systematics of Aster pratensis and Aster sericeus in eastern U.S. 1985-?. To determine the systematic relationships of the taxa and their distribution in eastern U.S. Department of Biological Sciences, EKV, Richmond, KY 40475. 606-622-6257.

Jones, Ronald L. The vascular flora of wetlands on the Cumberland Plateau of Kentucky and Tennessee. 1987-91. To document the vascular flora and describe the various types of wetland communities on the Cumberland Plateau. Address as above.

Jones, Ronald L. Woody plant families of Kentucky. 1983-? To document the distribution of species in selected woody plant families of Kentucky and provide family write-ups for publication in the Transactions of the Kentucky Academy of Science. Address as above.

Jones, Ronald L. A guide to the woody plants of Kentucky and Tennessee. 1983-90. A book that will give keys to and distributions of the vines, shrubs, and trees of Kentucky and Tennessee. Address as above.

Jones, Ronald L., Ralph L. Thompson, John Thieret, and Max Medley. A guide to the vascular flora of Kentucky. 1988-92. A book that will give keys and distributions to all the vascular plants known to occur in Kentucky. Addresses given above under Julian Campbell et al. entry.

Kalisz, Paul J. and Susan E. Boettcher. Vegetative history of hillslope prairies in the Appalachians (Menifee County, KY, Adams County, OH, Athens County, OH). 1987-?. To use plant opal and other soil characteristics to evaluate longevity and stability of tall grass prairie patches in the Appalachians. Department of

Forestry, University of Kentucky, Lexington, KY, 40546-0073. 606-257-4807.

Martin, William H. Forest succession reference areas in Letcher County, Kentucky. A long-term monitoring project begun in 1984. To study plant succession through time in different successional vegetation types at Lilley Cornett Woods. Division of Natural Areas, Eastern Kentucky University, Richmond, KY, 40475. 606-622-1476.

Martin, William H. and William S. Bryant. Forest composition of Big Woods, Mammoth Cave National Park (Edmonson County, Kentucky). 1988-?. Describe forest composition of Big Woods area at Mammoth Cave National Park. Address given above. WSB--Dept. of Biology, Thomas More College, Crestview, KY 41017.

Martin, William H. and William S. Bryant. Vegetation of Kentucky. 1988-?. Description of vegetation types of Kentucky. Address given above.

Martin, Willim H., Thomas Forsythe, and Marcus Cope. Flora and vegetation of grasslands and TVA's LBL (Lyons County/Stewart County, Kentucky). A long term project begun in 1987. Describe vegetation and document flora of old fields dominated by Tallgrass Prairie species at Land-Between-The-Lakes. Address given above.

Martin, William H. Forest Communities of Lilley Cornett Woods (Letcher County, Kentucky). A long term project begun in 1971. Long-term study of forest composition in an old-growth mixed mesophytic forest. Address given above.

Martin, William H. Tree-Fall Gaps in Old-Growth Forest (Letcher County, Kentucky). 1981-1991. Long-term study of the role of tree-fall gaps in forest composition and processes. Address given above.

McKinney, Landon E., Marc Evans, and Ken Nicely. An update of the general floristics of Mammoth Cave National Park (Edmonson County, Kentucky). 1988-1989. To provide a fully updated annotated checklist of the park's flora while pinpointing critical or unique habitats or vegetative communities within the park's boundaries and paying close attention to rare species. Herbarium, Box 112, Station B, Vanderbilt University, Nashville, Tennessee 37235. 615-890-8550. ME--Kentucky Nature Preserves, 407 Broadway, Frankfort, KY 40601. KN--see below.

McKinney, Landon E., Ralph Thompson, and Allison Cusick. A phytogeographical study of the genus Carex in Kentucky. 1987-1990. To present a phytogeographical study of the genus Carex for the state of Kentucky and provide distribution maps and notes on habitats and some taxonomy. Address given above. RT--see below. AC--Div. of Natural Areas. ODNR, Columbus, OH 43224.

McKinney, Landon E. The violets (Viola) of Kentucky. 1985-1989.

To identify the species and their distribution of the genus Viola within the state of Kentucky. Address given above.

Medley, Max E. and Davis, W.S. An annotated catalog of the known and reported vascular flora of Kentucky. 1980-1989. Biology Department, University of Louisville, Louisville, Kentucky 40292. Medley, Max E. Floristics and general ecology of Rheophytic Communities in the Southern Appalachians. 1978-?. Address given above.

Medley, Max E. New taxa of Goldenrods(Solidago) in Kentucky. 1979-1989. New combinations and descriptions of new taxa. Address given above.

Medley, Max E. Phytogeographic theory and documentation: southeastern United States. 1979-?. New data on old perspectives on southeastern United States Phytogeography. Address given above.

Meijer, Willem, Marty Bender, and Julian Campbell. Introduction to the Spring Flora of Kentucky. To be completed in 1989. Keys and descriptions of the Spring vascular flora of Kentucky. Biological Science, University of Kentucky. 606-257-3240.

Muller, Robert. Vegetational, successional, and productivity studies of eastern Kentucky forests. On-going. Department of Forestry, University of Kentucky, Lexington, KY 40546.

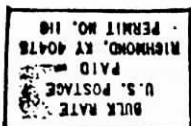
Nicely, Ken and George Johnson. Family treatments for selected woody plants of Kentucky, primarily those taxa in the Magnoliales, Laurales, Rosaceae, and Ulmaceae. 1987-?. To provide family accounts, keys, and county distributions of selected woody species in Kentucky. Department of Biology, WKU, Bowling Green, KY, 42101. GJ--Biology Dept, Lindsey Wilson College, Columbia, KY 42728.

Studlar, Susan Moyle and Stephen L. Stephenson. Niche relationships of stream bryophytes in the Central KY Wildlife Refuge, Boyle County, Kentucky. 1988-1989. Description of the niche differentiation of bryophytes in two intermittent streams, both with limestone and oil-shale streambeds. SMS: Department of Botany, Oklahoma State University, Stillwater, OK, 74078; SLS: Fairmont State College, Fairmont, WVA 26554.

Thompson, Ralph L. and Ronald L. Jones. The vascular flora of Rock Creek Research Natural Area, Laurel County, Kentucky. 1985-1989. To document the vascular flora and describe the plant communities of the Rock Creek area. Department of Biology, Berea College, Berea, KY 40404. 606-986-9341.

Thompson, Ralph L. The genus Phoradendron (Viscaceae) in Kentucky. 1985-89. A distributional account of mistletoe in Kentucky. Address given above.

The Kentucky Native Plant Society Newsletter is published quarterly (February, May, August, November). Please notify us four weeks in advance of any changes of address. Back issues of the Newsletter are available for \$.50 each.



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The Kentucky Native Plant Society

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