
MISSISSIPPI NATIVE PLANT SOCIETY NEWSLETTER

AUGUST 1991

FROM THE EDITOR:

Notes on the NEW ORLEANS NATIVE PLANT CONFERENCE, June 1991. This was a great meeting for gardeners, nature-minded educators, gardeners, conservation-oriented citizens, and scientists studying Coastal ecosystems. MNPS provided free copies of the newsletter, other handouts, a poster display, and sales of plants (via Barbara Bridges of Southern Perennials and Herbs), books, and T-shirts. Several MNPS-affiliated speakers were on hand, as well as many MNPS members from south Mississippi.

I have been decidedly influenced by this June conference and impressed with the people I met from the meeting, especially the active members of Louisiana Native Plant Society who put this conference together. The emphasis on hands-on, participative education and the balance on discussions of conservation, ecosystems, botany, gardening, nursery production, and ideas for landscape designs was a good one. Informal exchanges, precipitated by the nearby dormitory/cafeteria arrangement and the banquet at the Louisiana Nature and Science Center, made the meeting an especially useful way to exchange additional information and to network with like-minded individuals across a spectrum of professions.

My schedule permitted only one of the field trips, though I heard others were very interesting as well. This one was a longleaf pine ecosystem in St. Tammany Parish and called the Lake Ramsay Savannah. The 4,000 acre tract, a fire-dependent ecosystem, is a remnant of the vast acreage that at one time dominated the Southern Coastal Plain from Texas to Florida and the Carolinas. Older longleaf pine predominates as the major tree canopy and herbaceous species dominate as vegetative cover. Highlights included seeing "old growth" longleaf pine trees, Platanthera nivea (snowy orchid), and Calopogon pallidus (pale grass-pink orchid). There were many carnivorous species, and many fire-dependent herbaceous species too numerous to mention.

A special thanks to Nelwyn (Gilmore) McInnis and Latimore Smith of the Louisiana Heritage Program for showing us around on a Sunday afternoon.

I am reminded that there are mythical qualities associated with longleaf ecosystems--now remnants of their former selves. The following quote comes from a statement made in 1854 by Chief Seattle, upon hearing that the President in Washington wished to buy his tribe's land:

How can we sell the sky, the land? The idea is strange to us. Every part of this earth is sacred to my people. Every shining pine needle, every sandy shore, every mist in the dark woods, every meadow, all are holy in the memory and experience of my people. We're part of the earth and it is part of us. The perfumed flowers are our sisters. The bear, the deer, the great eagle--these are our brothers. Each ghostly reflection in the clear water of the lakes tells of events and memories in the life of my people. The water's murmur is the voice of my father's father. The rivers are our brothers. They carry our canoes and feed our children. ... The earth does not long to man; man belongs to the earth. All things are connected like the blood that unites us all. Man did not weave the web of life, he is merely a strand in it. Whatever he does to the web, he does to himself.

[This information comes to me by way of the Louisiana Native Plant Society Newsletter. It is from a featured series on PBS with Joseph Campbell and Bill Moyers called "The Power of Myth."]

ITEMS OF INTEREST

Morris, M. Wayne. 1989. Spiranthes (Orchidaceae) in Mississippi. Selbyana. 11: 39-48. A total of 11 species of this most interesting and elusive group of New World temperate zone orchids is discussed in terms of distribution, habitat, and taxonomic characteristics. For a copy, write to Wayne Morris, Dept. Botany, Univ. Florida, Gainesville, FL 32611. Selbyana, specializing in botanical research articles on tropical plants, is the Journal of the Marie Selby Botanical Gardens, 811 So. Palm Ave., Sarasota, FL 34236.

Sauer, Leslie. 1991. Soil and water conservation in a landscape perspective. Journal of Soil and Water Conservation. 46(3): 194-196. The article discusses soils in relation to vegetation management, and calls for native vegetation restoration as a means to enhance soil and water quality and wildlife habitat. "Native soil, like native vegetation, is not yet treated as the irreplaceable resource it represents."

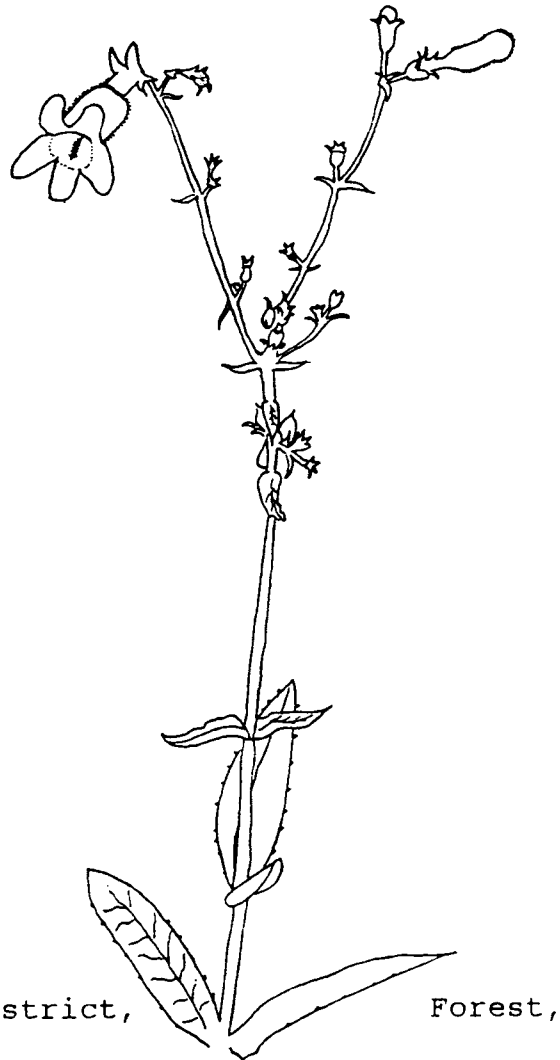
"Mississippi Wildflowers" is a new 12"x 18" color brochure illustrating 29 species for people touring the State. It is put together by the Mississippi State Highway Department to highlight the State's roadside wildflowers, its wildflower research program, and Avenue of Magnolias tree planting program along highway entrances. For an individual copy, write to: Mississippi State Highway Dept., P.O. Box 1850, Jackson, MS 39215-1850. Copies will be available at MNPS meetings while supplies last.

HARRELL PRAIRIE FIELD TRIP

The Harrell Prairie Hill Botanical Area had a splendid display of Penstemon laxiflorus, Beard-tongue, on our May 18th field trip.

(Drawing at right by Jeffrey Twiss is his impression of Beardtongue, Penstemon sp.). Our guide, Ken Gordon, had hoped to show us the normally magnificent display of purple coneflowers, but the frequent early rains slowed down the season by 2 weeks. Nevertheless, we were very impressed with the extensive acreage of herbaceous flowering plants in the area. This area is a MUST SEE, as no one picture could capture the diversity present.

The USDA Forest Service manages the area by periodically burning in spring and early summer every few years. While the Harrell Prairie is the largest tract, Bienville National Forest has others which, in total, comprise 600 acres, contain over 350 species, and represent 10% of all plant species listed for the State. For those wanting to visit, contact the Bienville Ranger District, MS for directions (469-3811).



Forest,

[Note: Timme's Wildflowers of Mississippi, page 229, has the captions out of place. Penstemon laxiflorus has a white flower.]

BOTANICAL GARDEN OF THE SOUTH
by Sidney McDaniel, Mississippi State, MS

In September 1990, 80 acres were purchased just south of Sessums, MS to be known as the "Botanic Garden of the South." There is a sizable pond, and soils vary from highly acidic to very alkaline chalk, and pockets of richer, more moderate soils. A powerline right-of-way that cuts across the property is already a respectable-looking native prairie. Floristic surveys are underway as time and budgets permit, with already 10 on the Mississippi Heritage Program list of sensitive, threatened, or endangered species.

Although the area is a bit rough, trails have been established, and there is a fully-equipped air-conditioned trailer on-site. Remnant concrete pads are to be used as bases for greenhouses. With time, hard work, and imagination, the concept should become a reality in a few years.

The first MNPS field trip on June 1 of this year attracted the Barbours from Sidon, MS, Bob Stewart from Delta State, graduate students from MSU in a variety of disciplines, and several Starkville and Sessums residents. The next field trip is scheduled for October 5th. Don't miss it!

The IBE (Institute for Botanic Exploration), initially chartered in 1974 to support botanic exploration for medicinal purposes in Peru and the Amazon Basin, purchased the Sessums property. The IBE also supports horticultural and agronomic uses of native and non-native plants, including the development of promising new garden ornamentals and crops for the South. Plants native to Mississippi and the South are of special interest--one of the main reasons for purchasing this property. Contributions are welcome, as are volunteers interested in helping out at Sessums. For more information, contact Sidney McDaniel, Institute for Botanical Exploration, Box EN, Miss. State, MS 39762.

5th MISSISSIPPI NATIVE PLANT CONFERENCE
by Felder Rushing, Jackson, MS

On Saturday, August 17, Jackson will host 4 events of interest. All are interrelated--focusing on wildflower meadows, native habitats, and butterflies.

From 10:00 AM till 12:00 noon, a butterfly gardening exhibit and demonstration will be held in the Jackson Zoo, at the butterfly garden. Eve Dingus will be on hand to discuss enjoyment of native Mississippi butterflies--including tips

on how to raise these beauties. Butterflies will be released.

At the same 10:00-12:00 time slot, a butterfly flower and plant sale will be held at the Zoo. Proceeds are to benefit the Zoo's native plant habitat. Many great perennials will be available at reasonable prices.

At 12:00 noon, a ribbon-cutting ceremony and informal reception will be held at the newly-developed Native Plant Habitat and Wildflower Meadow at the Jackson Zoo. Plans are being made at this time to have a "burn" at the site, and to sow wildflower seeds. The Crosby Arboretum staff and local government dignitaries will be on hand to conduct the "Let's start a fire for Mississippi wildflowers" campaign. Admission is free.

From 1:30 to 3:30 PM, the 5th Annual Mississippi Native Plant Conference will be held at the Hinds County Extension Auditorium. (The building is the same location as previous seminars--on Wilson Boulevard, off Raymond Road in south Jackson near Hinds General Hospital.) The theme this year is Wildflower Meadow Gardening.

The keynote speaker will be Marcel Crudele, landscape architect for the National Park Service's Natchez Trace Parkway. Crudele will explain how they have managed native plants and wildflower meadows for so many years without the use of herbicides. He will also update us on some interesting projects they have begun involving preservation of natural stands and saving local seed germplasm for future projects.

In addition, a member of the Highway Department will explain their roadside beautification, management, and research program. Barbara Bridges will talk about perennial gardening to promote butterflies and flower colors year-round, and will introduce us to the Gardens Group brochure on butterfly gardening. Randy Smith (Miss. Extension) will unveil the new extension publication, "Wildflowers for Mississippi meadows and gardens," which will be available for free distribution.

BOOK REVIEW

by Vic Rudis, Starkville, MS

Johnson, Fran Holman. 1990. The gift of wild things: the life of Caroline Dormon. Lafayette, LA: University of Southwest Louisiana, Center for Louisiana Studies. 166 p. \$15.00, hardcover.

Caroline Dormon (1888-1971) has been called the "Audubon for Wildflowers" and "a female Thoreau". Her diverse interests

and influence led her to become a recognized authority on Louisiana's flora and fauna, its archeology, and its Indian population. An accomplished artist, educator, and gardener, Dormon published and illustrated several botanical books and was in demand as a writer and lecturer. The bookjacket states:

Caroline Dormon was a 20th century pioneer, breaking through social conventions and professional barriers wherever she met them: 1st female of the USDA Forest Service; the only female member of the DeSoto Commission; 1st person to promote a National Forest in Louisiana [Kisatchie National Forest]; and a leader in preservation and [native plant] beautification programs.

Her career as a forester, conservationist, and naturalist was unique for a woman of the early 20th century. Her story should prove inspirational to others facing similar barriers in natural resource professions today.

This book is a real gem for those interested in historical efforts with native plants. The author states that the book is an introduction to the life of Caroline Dormon, as there is much more to be told. The book covers the highlights of her career, including efforts to promote native plants along highway right-of-ways and in landscape designs, with longleaf forest preservation, and with educating children about nature.

Aside from this biography, Caroline Dormon lives on through the books, articles, letters, drawings, and diaries archived at Northwest Louisiana University. Her garden legacy includes many Louisiana irises in cultivation throughout the world, and in Briarwood at the "Caroline Dormon Nature Preserve" near Saline, Louisiana.

AN OFFICIAL SYMBOL WILL HELP ALL WILDFLOWERS GAIN ACCEPTANCE
by Felder Rushing, Jackson, MS

Revised from The Clarion-Ledger, May 7, 1991
by Vic Rudis, Starkville, MS

The genus Coreopsis has been designated as our official state wildflower, effective July 1. Magnolia is already our state flower, as well as our state tree. Why bother with another symbol?

Landscaping with wildflowers represent a higher, not lower, order of design. Native vegetation and the complex designs formed by nature are not yet widely recognized as valuable resources to be emulated.

We've already learned that with enough money for mowing, spraying, fertilizing, and watering, we can control native vegetation and have a lush 2-dimensional layer of turf everywhere. But managing the turf to allow wildflowers requires sensitivity to biological diversity. Planning in rhythm with--not against--native vegetation and native soils can provide dividends in money saved as well.

If folks get used to seeing wildflowers here and there, they'll be more likely to tolerate a little less regimented effect elsewhere. In this last decade before the new millennium, our society can reflect on the past half-century's approach to public landscape style, and decide on how to balance beauty with budget, environment with aesthetics. If we cannot afford to mow and spray as frequently, perhaps we can turn to more thrifty native plants, 3-dimensional "walk-on" meadows, and natural landscape designs. In the process of planting and caring for wildflowers, we will learn tolerance. Our hand on the landscape will be lighter, gentler.

MISSISSIPPI ROADS AND WILDFLOWERS

Have you been noticing the "DON'T MOW" signs around several of Mississippi highways? Wildflower test plots are being used across the State to better understand how to plant, cultivate, and reproduce flowering species thought to be suitable for roadside development. Around intersections and other areas with visibility concerns, species that grow over 24 inches in height, or those that tend to escape onto private property, are not considered suitable.

A meeting to discuss ongoing management and research to assess highway maintenance and wildflower improvements is planned for early August and sponsored by the Mississippi State Highway Department. Mississippi State University's Department of Plant Pathology and Weed Science, Garden Clubs of Mississippi, Felder Rushing, and others are involved.

CALENDAR OF UPCOMING EVENTS

AUGUST 10 near Jackson, MS. 8:30-11:30 AM. Wildflower walk with John Allen Smith of Homochitto Outdoors. Field trip to start at the Mississippi Crafts Center on the Natchez Trace Parkway. Registration and fee required. Call 856-7546.

AUGUST 15 Starkville, MS. 7:00 PM. Henderson Complex. There will be Starkville area community meeting to discuss landscape and building design needs around Henderson Middle School Complex, a 25-acre site with buildings for grades 4, 5, and 6 bordering a larger publicly-owned wooded area to the north and Highway 82 to the south. Pete Melby, of

Mississippi State University, is heading up a design team to gain input from the Starkville community and to carry out the design. Discussions will include establishment of environmental education areas (e.g., a wildflower or fire-dependent native prairie meadow, a wooded nature trail, and other natural habitats of educational or aesthetic value). The need for maintenance or supervision by volunteer groups and the need for play areas, energy conservation, joint use as a public park, and community-defined aesthetics are also important topics to be discussed.

Here's an opportunity for Starkville-area MNPS members to make a mark. Let's be there in full force to make our wishes known! And tell your Starkville garden club, Oktibbeha Audubon Society, and Sierra Club friends to come join in this effort. Check the Starkville Daily News for further details. For those interested in MNPS involvement, contact Vic Rudis in Starkville at 324-0430.

AUGUST 15 7:00 PM. Crosby Arboretum, Picayune, MS. Ed Blake, Jr. discusses garden styles throughout history. Call 799-2311 or 798-6961.

AUGUST 17 10:00-3:30 Jackson, MS. MNPS-sponsored conference. Our 5th annual native plant conference. See elsewhere in this issue for more details.

AUGUST 22 10:00 AM-Noon. Jackson, MS. The Mynelle Botanical Garden Society, Inc. hosts a coffee honoring Julie Mabus at the library at Mynelle Gardens. Call 960-1894.

SEPTEMBER 21-22 near Jackson, TN. Tennessee Native Plant Society (TNPS) meeting at Chickasaw State Park. Field trips to nearby Millstone Mountain in Tipton County and cedar glades in Decatur County. For field trip information, contact Paul Somers (615-385-3482 or 615-742-6549). For other information on TNPS activities, contact TNPS, Department of Botany, University of Tennessee, Knoxville, TN 37996-1100.

OCTOBER 5 Sessums, MS. 8:30 AM. MNPS-sponsored tour of the future Botanic Garden of the South. Meet at the site of the old Sessums General Store. Sidney McDaniel is our tour guide.

OCTOBER 19 Saline, LA. Louisiana Native Plant Society Meeting at Briarwood, the Caroline Dormon Nature Preserve. For more information, contact John Mayronne, 320 North Theard St., Covington, LA 70433

OCTOBER 18-19 Memphis, TN. Mid-South Native Plant Conference. For more information, contact Larry Lowman of Ridgecrest Nursery at 501-238-3763

OCTOBER 25-26 Birmingham, AL. Central South Native Plant Conference. Contact Mrs. Robert Tate, 3914 South River Circle, Birmingham, AL 35243.

GRASSES IN MISSISSIPPI
by Vic Rudis

When we look at landscapes, our eyes focus on the sharp contrasts in light, vegetative texture, or color. In the next second our mind establishes the legibility of the view. Contrast and legibility often are afforded by low-growing, fine textured, tan and dull green vegetation.

What is that dull background? What is the anonymous green stuff? Grasses and sedges, that's what. Many species are difficult to identify. We tend to overlook individual species and their diversity in landscapes, but they are the backdrop through which we see the focal points--the trees, the flowers, the sky.

Quite a few of us spend lots of energy and manpower creating and maintaining artificial lawns--a testament to our appreciation for green stuff. And despite the ads that suggest we manage for one or another grass species and eliminate others with powerful chemicals, native "weeds" will creep into the best of lawns.

Most of the common lawn grasses throughout the Southeastern U.S. originate from foreign lands. These include:

Genus/common name/origin/Year introduced, if known		
Axonopus	/carpetgrass	/West Indies/1800's
Cynodon	/bermuda grass	/Africa/1751
Eremochloa	/centipedegrass	/China/1935
Festuca arundinaceae	/tall fescue	/Europe
Lolium	/ryegrass	/Italy, elsewhere
Paspalum	/bahiagrass	/Brazil/1914
Stenotaphrum	/St. Augustine grass	/West Indies/1948
Zoysia	/zoysia grass	/North Korea/ 1930

It is hard for many of us to imagine what Mississippi green stuff would look like without these exotics. Nevertheless there are grass species native to Southeastern prairies that one may want to consider when remodeling roadsides or revising residential lawn needs. Most are suited to meadow gardening--or "gentler" lawn maintenance--which is mowed infrequently or burned once per year.

Here's a guide to Southeastern U.S. native grass species compiled by Dr. Charles Allen, Department of Biology, Northeast Louisiana University, Monroe, LA 71209. More details on habitat, height, and colors are available but could not be reproduced here. (Send MNPS a self-addressed stamped envelope to get a copy of the detailed list.) For sources, check nurseries that specialize in grasses and native plants.

SPECIES	COMMON NAME	LIFE SPAN, HABIT & HEIGHT
<i>Aira caryophyllaea</i>	SILVER HAIRGRASS	ANN, TUFTED, 6 IN
<i>Aira elegans</i>	ANNUAL HAIRGRASS	ANN, TUFTED, 6 IN
<i>Andropogon gerardii</i>	BIG BLUESTEM	PER., RHIZ., 6 FT
<i>Andropogon glomeratus</i>	BUSHY BEARDGRASS	PER., TUFTED, 4 FT
<i>Andropogon ternarius</i>	SPLIT-BEARD BLUESTEM	PER., TUFTED, 4 FT
<i>Andropogon virginicus</i>	BROOMSEDGE	PER., TUFTED, 4 FT
<i>Anthaenantia rufa</i>	PURPLE SILKYSCALE	PER., RHIZ., 3 FT
<i>Anthaenantia villosa</i>	GREEN SILKYSCALE	PER., RHIZ., 3 FT
<i>Aristida</i> SPP.	THREE-AWN	ANN/PER, TUFTED 1-3 FT
<i>Arundinaria gigantea</i>	SWITCH CANE, BAMBOO	PER., RHIZ., 20 FT
<i>Bothriochloa laguroides</i>	SILVER BLUESTEM	PER., TUFTED, 3 FT
<i>Brachyelytrum erectum</i>	NO COMMON NAME	PER., RHIZ., 2 FT
<i>Chasmanthium latifolium</i>	INLAND SEA OATS	PER., RHIZ., 3 FT
<i>Chasmanthium laxum</i> & <i>sessiliflorum</i>	NO COMMON NAME	PER., TUFTED, 3 FT
<i>Cinna arundinacea</i>	STOUT WOODREED	PER., RHIZ., 5 FT
<i>Coelorachis cylindrica</i>	CAROLINA JOINTGRASS	PER., RHIZ., 3 FT
SYN=(<i>Manisuris cylindrica</i>)		
<i>Coelorachis rugosa</i>	WRINKLED JOINTGRASS	PER., TUFTED, 3 FT
SYN=(<i>Manisuris rugosa</i>)		
<i>Ctenium aromaticum</i>	TOOTHACHEGRASS	PER., RHIZ., 3 FT
<i>Eragrostis Elliottii</i> , <i>hiruta</i> , <i>lugens</i> , <i>refracta</i> & <i>spectabilis</i>	LOVEGRASS	PER., TUFTED, 3 FT
<i>Eragrostis secundiflora</i>	LOVEGRASS	PER., TUFTED, 3 FT
SYN=(<i>Eragrostis oxylepis</i>)		
<i>Erianthus alopecuroides</i> , <i>contortus</i> , & <i>giganteus</i>	SILVER PLUMEGRASS & SUGAR CANE PLUMEGRASS	PER., TUFTED, 10 FT
<i>Glyceria arkansana</i>	ARKANSAS MANAGRASS	PER., TUFTED, 5 FT
<i>Gyanopogon ambigua</i> & <i>brevifolius</i>	SKELETONGRASS	PER., RHIZ., 2 FT
<i>Leersia hexandra</i>	CUTGRASS	PER., RHIZ., 3 FT
<i>lenticularis</i> , <i>oryzoides</i>		
<i>Leersia virginica</i>	WHITEGRASS	PER., TUFTED, 2 FT
<i>Leptoloma cognatum</i>	FALL WITCHGRASS	PER., RHIZ., 2 FT
<i>Lianodes arkansana</i>	OZARKGRASS	ANN., TUFTED, 1 FT
<i>Melica nutica</i>	TWOFLOWER MELICGRASS	PER., RHIZ., 3 FT
<i>Muhlenbergia capillaris</i>	HAIRAWN MUHLY	PER., TUFTED, 4 FT
<i>Oplismenus setarius</i>	BASKETGRASS	PER., STOLONS, 1 FT
<i>Panicum brachyanthum</i>	PIMPLE PANICUM	ANN., TUFTED, 3 FT
<i>Panicum acabriusculum</i>	NO COMMON NAME	PER., TUFTED, 5 FT
<i>Panicum</i> subgenus <i>Dichanthelium</i>	PANIC GRASS	PER., TUFTED, 1-3 FT
<i>Panicum gyanocarpon</i>	SAVANNAH PANICUM	PER., STOLONS, 4 FT
<i>Panicum scoparium</i>	VELVET PANICUM	PER., TUFTED, 5 FT
SYN=(<i>Dichanthelium scoparium</i>)		
<i>Panicum virgatum</i>	SWITCHGRASS	PER., RHIZ., 6 FT
<i>Peaepalum floridanum</i>	FLORIDA PASPALUM	PER., RHIZ., 5 FT
<i>Peaepalum laeve</i>	FIELD PASPALUM	PER., RHIZ., 3 FT
<i>Peaepalum plicatulum</i>	BROWNSEED PASPALUM	PER., RHIZ., 3 FT
<i>Peaepalum repens</i>	WATER PASPALUM	PER., STOLONS, 2 FT
SYN=(<i>P. fluitans</i>)		
<i>Poa autumnalis</i>	AUTUMN BLUEGRASS	PER., TUFTED, 2 FT
<i>Polypogon monspeliensis</i>	RABBITFOOTGRASS	ANN., TUFTED, 2 FT
<i>Schizachyria scoparium</i>	LITTLE BLUESTEM	PER., RHIZ., 4 FT
<i>Schizachyria tenera</i>	SLENDER BLUESTEM	PER., TUFTED, 2-3 FT
<i>Setaria magna</i>	GIANT BRISTLETAIL	ANN., TUFTED, 10 FT
<i>Sorghastrum Elliottii</i>	SLENDER INDIANGRASS	PER., TUFTED, 6 FT
<i>Sorghastrum nutans</i>	INDIANGRASS	PER., RHIZ., 4 FT
SYN=(<i>S. avenaceum</i>)		
<i>Sphenopholis</i> SPP.	WEDGESCALE	PER., TUFTED, 1-2 FT
<i>Sporobolus asper</i> & <i>Sporobolus clandestinus</i>	TALL DROPSEED	PER., TUF/RHIZ., 3 FT
<i>Sporobolus juncea</i>	PINEYWOODS DROPSEED	PER., TUFTED, 3 FT
<i>Stipa avenacea</i>	BLACKSEED NEEDLEGRASS	PER., TUFTED, 3 FT
<i>Stipa leucotricha</i>	TEXAS NEEDLEGRASS	PER., TUFTED, 3 FT
<i>Tridens ambiguus</i>	PINEBARREN TRIDENS	PER., TUFTED, 4 FT
<i>Tridens chapmanii</i> & <i>flavus</i>	PURPLETOP	PER., TUFTED, 4 FT
<i>Tridens carolinianus</i>	PURPLETOP	PER., RHIZ., 4 FT
<i>Triplasis purpurea</i>	PURPLE SANDGRASS	ANN., TUFTED, 2 FT
<i>Tripsacum dactyloides</i>	EASTERN GAMMAGRASS	PER., RHIZ., 8 FT
<i>Zizania aquatica</i>	WILD RICE	ANN., TUFTED, 10 FT
<i>Zizaniopsis silicea</i>	SOUTHERN WILD RICE	PER., RHIZ., 8 FT

Mississippi Sierra Club, Mississippi Nature Conservancy, and similar groups.

-- Lectures, seminars, and slide shows by native plant experts, ecologists, landscape professionals, knowledgeable amateurs, and gardeners.

-- Offer Wildflowers of Mississippi by S. Lee Timme, T-shirts, and related materials for sale to promote the goals of the Society.

-- Facilitating the study of Mississippi flora and monitoring of nature preserves through newsletter announcements, networking with concerned and knowledgeable members, and awarding small grants to support research and education consistent with the Society's goals.

-- Plant and seed exchanges, creating and maintaining displays for public education and appreciation, and plant rescues in areas about to be developed.

NEWSLETTER AND MEMBERSHIP

The MISSISSIPPI NATIVE PLANT SOCIETY NEWSLETTER is published 4 times annually. In addition to a calendar of upcoming events, the newsletter contains articles on native plant propagation and identification, notes on plant and seed exchanges, landscape design, habitat preserves and descriptions, reviews of books, activities, and people associated with native and naturalized plants of Mississippi.

Membership is open to any interested individual, family, or organization. If you wish to join us, please mail the application below, indicate the class of membership desired and enclose appropriate dues.

***** MEMBERSHIP APPLICATION AND DUES NOTICE *****

_____ Renewal _____ New

Please indicate class of membership desired and enclose appropriate dues.

Student	\$2.50
Regular	\$5.00
Family	\$7.50
Sustaining	\$10.00
Contributing	\$25.00
Life	\$75.00

The Mississippi Native Plant Society is an organization dedicated to the scientific and educational exchange of information about native and naturalized plants occurring in the State of Mississippi.

All classes of membership receive the MNPS Newsletter. Please make checks payable to Mississippi Native Plant Society. Return this form with payment to:
P.O. Box 2151
Starkville, MS 39759

Be sure to include the following information with your payment:

Name _____

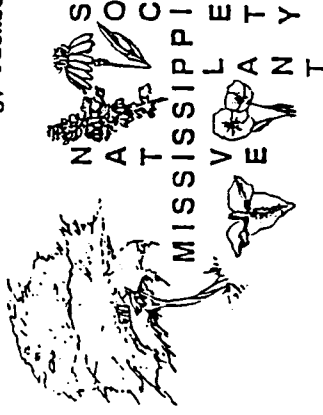
Mailing Address _____

Telephone No. (optional) _____

If Mississippi, county of residence _____

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T-SHIRTS with the above logo are available in adult and children sizes in GRAY background. A few in LARGE and EX-LARGE are also available in PINK or WATERMELON background. Cost \$8.50 + \$1.50 for shipping.

WILDFLOWERS OF MISSISSIPPI by S. Lee Timme is available at a cost of \$37.00, plus \$2.50 shipping 4th class (an additional \$1.00 for 1st class.) Quantity discounts are available for 5 or more books. (~~Softcover~~ \$19.50).

ATTENTION WRITERS! ATTENTION ARTISTS AND PHOTOGRAPHERS!

If you've got an interest in native plants, here's your opportunity to be "published." Photos and drawings must be capable of reproduction for standard (black and white) photocopy machines. Deadlines for submission of materials is one month prior to the issue date. The deadline for the next issue is **Oct. 15th**.

In addition, a NEW MNPS T-SHIRT LOGO is desired -- one that incorporates several native Coreopsis species -- as well as native shrubs or trees. Send your designs to the Editor for publication in a future newsletter.

Address sales and newsletter items to: Vic Rudis, Editor, Mississippi Native Plant Society, P.O. Box 2151, Starkville, MS 39759.

NOTE: MAILING LABELS with "FINAL ISSUE" have been marked for deletion. For those interested in continuing to receive the newsletter and share in membership, send dues to: Mississippi Native Plant Society, c/o Sherrie Wiygul, Secretary/Treasurer, P.O. Box 2151, Starkville, MS 39759

MISSISSIPPI NATIVE PLANT SOCIETY
P. O. BOX 2151
STARKVILLE, MS 39759



As a result of a meeting called by Fred Searcy, Jr. on April 19, 1980 at the Museum of Natural History in Jackson, the Mississippi Native Plant Society drew its first breath. The organization was formed for individuals and groups interested in all aspects of botany, particularly the vascular flora of Mississippi.

There always have been people with a love for the native plants of Mississippi. The overall purpose of the Mississippi Native Plant Society is the furtherance of knowledge about the native and naturalized plant species of the State of Mississippi and the encouragement of an attitude of respect and appreciation for these species.

GOALS are to:

- Gather and disseminate knowledge about the native and naturalized plant species and their habitats in Mississippi
- Work for the preservation of these species and conservation of their habitats
- Inform the public about these species and habitats, including their propagation, importance, ecology, and need for protection
- Encourage the propagation and use of native plants and habitats in designing residential, commercial, and public landscapes
- Promote fellowship among all persons interested in the understanding and appreciation of native plants and their habitats

PROGRAMS include:

-- Field trips. In past years, Mississippi locations have included Ocean Springs, Crosby Arboretum, Davis Lake, Tishomingo State Park, Delta National Forest, Starkville, Horn Island and Gloster. Joint meetings are sponsored with the Alabama Wildflower Society.