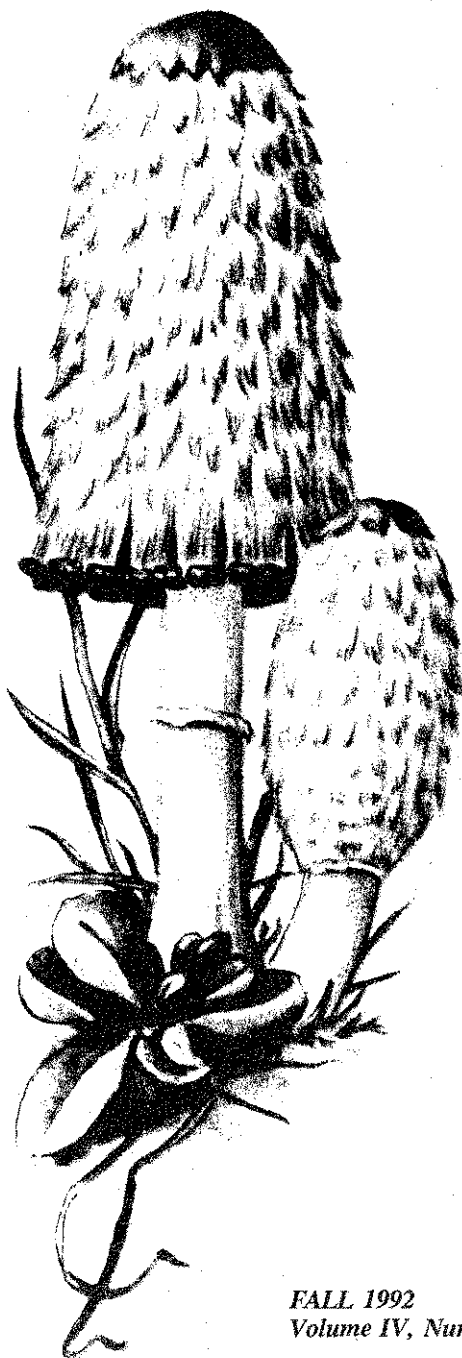


NORTH
CAROLINA

wild flower

PRESERVATION
SOCIETY, INC.



Shaggy Mane
Coprinus comatus

FALL 1992
Volume IV, Number II N.S.

**NORTH CAROLINA WILD FLOWER
PRESERVATION SOCIETY, INCORPORATED**

OFFICERS

President

Dr. Benson Kirkman
708 Brent Road
Raleigh, NC 27606
919-859-1187

Vice President, Program Chairman

Eric Hawkins
2428 US 70
Mebane, NC 27302
919-563-1026

Recording Secretary

Elvira Howard (Mrs. Tom)
Rt. 1, Box 89
Youngsville, NC 27596
919-556-7494

Corresponding Secretary

Adrianna Kirkman (Mrs. Benson)

Treasurer

Nancy Julian
1933 Gaston Street
Winston Salem, NC 27103
919-722-8629

COMMITTEE CHAIRMEN

Immediate Past President

Dr. Ray Noggle

Historian

Jean Stewart (Mrs. Pearson)

Publicity

Nell Lewis (Mrs. E. Gregory)
907 Greenwood Drive
Greensboro, NC 27410
919-299-2902

Propagation Handbook

Dr. Ray Noggle
Whittaker Glen, Apt. 205
501 Whittaker Mill Rd.
Raleigh, NC 27608
919-828-1893

Scholarship Grants

Dr. Benson Kirkman
919-859-1187

Consultant

Julie H. Moore
526 N. Crawford Street
Thomasville, GA 31792

TRUSTEES

1994

Owen McConnell
2802 Butner Street
Durham, NC 27704

Pat McConnell (Mrs. Owen)

Bob Tuggle
Rt. 4, Box 315
Bassett, VA 24055

1996

Craig Moretz
2444 US 70
Mebane, NC 27302
919-563-1795

Carla Oldham
107 Cathy Road
Carrboro, NC 27510

Ed Swab
1400 Athlone Place
Raleigh, NC 27606
919-851-0006

NEWSLETTER STAFF

Editor: Jane Welshmer (Mrs. R.D.), 15 Lanier Drive, Chapel Hill, NC 27514
919-933-1400

Staff: Jean Stewart (Mrs. Pearson), 112 Glendale Drive, Chapel Hill, NC 27514
Jeannie Kraus, NC Maritime Museum, 315 Front Street, Beaufort, NC
919-726-0750/728-7317

NEWSLETTER
of
North Carolina Wild Flower Preservation Society

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*This illustration of Shaggy Mane, *Coprinus comatus*, is by E. Hahnwald and was copied from the original Swedish text and published by Blanford Press, London in 1961. This beautiful book has been reprinted several times.*

**Coprinus comatus* is described as the soldier among mushrooms because of its tendency to grow in long straight rows. It is listed by Alexander H. Smith as "edible and choice." We have found healthy stands in Winston-Salem lawns.*



PRESIDENT'S MESSAGE

A note of special thanks! Organizations such as ours often overlook the simple task of thanking those who give their special talents to the organization. As an all volunteer organization, we must remember those who contribute so much in often thankless jobs.

At our Spring Meeting, we elected the 1992-94 Board of Directors and said farewell to four members who have contributed beyond the call of duty. I am sure these members will continue to contribute to the Society in other capacities beyond their previous roles on the Board of Directors. In fact, they already are.

Teeny Stronach had been a member of our Board previously, and just completed another four-year stint. She has been a faithful contributor at all Society functions and in numerous other roles. She has helped with the *Newsletter* and other publications, helped Gretchen Cozart with Membership renewals, and served on the Auditing Committee as well as other committees as needed. She was one of the first to welcome me into the Society years ago, and has continued to extend the hand of friendship to all new members.

Jeannie Kraus has been one of our best contributors to the *Newsletter*, and we hope she will continue to do so. As a new mother, she is currently busy raising the next generation of WFS members. Jeannie has helped with numerous outings, including our Spring 1992 Meeting, and freely (and enthusiastically) shares her time and talents with anyone seeking knowledge and understanding.

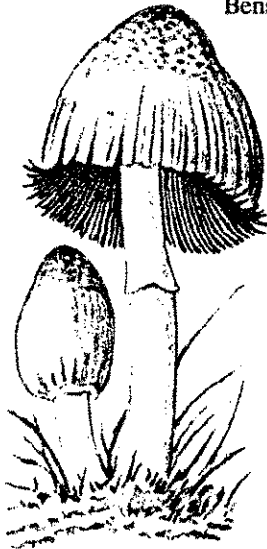
Nancy Hillmer just completed two terms as Vice-President, doing the jobs of handling Meeting Reservation forms and organizing outings. Perhaps her single most important contribution went unnoticed by most, but as her principal collaborator, I want to personally thank her for her invaluable help in the last revision of the Society's By-Laws.

How do you properly thank someone like Gretchen Cozart, who has given so many years of devoted service? The Treasurer's is one of the key positions that holds the Society together and is often better known to the membership at large than the President. Members recognize the dedication that Gretchen put into her job. Gretchen, of course, gives credit to those who have helped her, including Teeny Stronach and Tom Howard (who keeps our membership/mailling list up to date on the computer). Those of us who have worked with her know how valuable her service has been. In keeping with her sense of responsibility, Gretchen helped recruit Nancy Julian as our Treasurer for the next four years. What better legacy than to pass the torch to an equally devoted successor?

A note of general thanks and a challenge to all members. In keeping with the note above, I want to add a note of thanks to the many members who have contributed so much to the Society over the years. The four above are visible models for all of us -- and all four have expressed the desire to continue as active participants. I know they will, too. The Society not only needs to keep all of our current membership, but also needs new members on a regular basis. Our membership is as diverse as any group to which I belong, and that is a major strength of the organization. Please, share your knowledge of the Society and our goals and ambitions. Invite your friends to join and enjoy our outings. Welcome our new members and get to know your Society. Not everyone can participate on the

same level, but all of us can participate by putting the goals of the Society into practice, writing our elected officials about important issues, educating our friends and neighbors, and inviting others to share the benefits of membership in the Society.

Benson
Benson Kirkman



Coprinus atramentarius, Smooth Ink Cap

EDITOR EMERITUS

Linda Lamm (Mrs. W.T., Jr.)

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Mr. J.A. Warren	1952-54
Mrs. Paul Spencer	1954-56
Mr. Lionel Melvin	1956-58
Mrs. Carl Pegg	1958-60
Mr. Walter Braxton	1960-62
Mr. Gordon Butler	1962-66
Dr. H. Roland Totten	1966-68
Dr. Herbert Heckenbleikner	1968-70
Dr. Marjorie Newell	1970-72
Mr. Thomas Shinn	1972-74
Mrs. Pearson Stewart	1974-76
Mr. Ken Moore	1976-78
Mrs. O.G. Allen	1978-82
Mr. Tom Howard	1982-84
Dr. G. Ray Noggle	1984-88

Past presidents are permanent advisors and members of the board of directors.

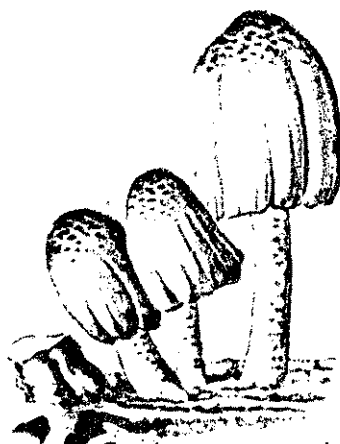
CALENDAR OF EVENTS

September 19, 20, 1992 Sandhills Game Lands, Carolina Bays: Longleaf pines, numerous special plants, and exploration of the upper Lumber River. Headquarters in Laurinburg.

April, 1993 Stone Mountain State Park and vicinity. We plan to invite the Virginia Native Plant Society to join us.

Fall, 1993 Uwharrie Mountains

The Planning/Meetings Committee invites all members to participate in the planning of our meetings, as well as hosting local outings. If you have any suggestions, contact Benson Kirkman or Eric Hawkins. They welcome new ideas.



Coprinus atramentarius var. *fuscissens*,
Common Ink Cap

NATIVE PLANT LANDSCAPING AND WILDFLOWER WORKSHOPS

The Triangle Land Conservancy will once again offer these popular workshops at the home of Mrs. Margaret Reid in Raleigh. The dates for fall and spring were not available in time for this *Newsletter*, but interested parties can call the TLC office (919-833-3662) for more information and registration. There is a \$5.00 charge for the workshops, with all of the money going into the Alton and Margaret Reid Garden Fund endowment for the permanent maintenance of the Reid Wild Flower Garden.

Members of the Wild Flower Society are also invited to contact Benson Kirkman about volunteering to help with the workshops or maintaining the Garden.

SPRING 1992 MEETING FONTANA VILLAGE RESORT

*I thought that I would never see,
A trail with such big darn trees.*

The weekend of April 24-26 found the NCWPS at Fontana Village. The Village, which is now a resort, is an assortment of cottages grouped around a lodge and a recreation facility: very relaxing. Fontana Dam is a part of the Tennessee Valley Authority's system. The cottages originally housed the families of the workers that built the dam. The recreation hall, in which we watched square dancers promenade Friday night, was their school house.

Those of us lucky enough to get to Fontana earlier in the week joined in the Resort's Nineteenth Annual Spring Flower Hiking Week. I missed most of it, but did enjoy Bonnie Arbuckle telling about the wildflowers of Yellowstone on Thursday night.

Saturday morning we went to Joyce Kilmer Memorial Forest and hiked the Big Poplar Cove Trail. Amazing. I apologize to Joyce Kilmer for taking liberties with his poem at the beginning of this article, but these trees are BIG. Along the trail, there were six Tulip Poplars, 28-30 feet around; a Canada Hemlock, 23 feet around; and a multitude of other monstrous trees.

The best tree wasn't on the trail. Illuminated by a patch of sunlight in the upper canopy, it was deeper in the woods. It was a Silverbell, in full bloom. Donald Peattie describes it best in *A Natural History of Trees of Eastern and Central North America*, (Houghton Mifflin, 1948): "No other tree of the cove climax has such enchanting flowers, swinging in the chill spring airs, 80 or 90 feet above the forest floor. Trees 100 feet high, with trunks clear of branches for 50 feet, and sometimes 4 feet in diameter He who has seen this tree in the Great Smoky Mountains will say to himself with pride that he has once beheld one of the rare and noblest hardwoods of the North American Continent." The noble Silverbell we saw was even rarer than the white ones Donald described. The one we saw had pink blossoms.

Herbaceous plants provided stiff competition for the trees. Carpets of blue creeping phlox, mixed with white foam flower occupied various spots. Some places exhibited mixtures of trilliums. *Trillium cuneatum*, *T. grandiflorum*, *T. luteum*, *T. erectum*, *T. vaseyi*, *T. undulatum* and *T. catesbaei* all were blooming here and there. I counted 95 species of different plants. Other plants of note were: Dwarf Ginseng, Squirrel Corn, Clintonia (borealis) and Dolls Eyes.

Alvera Henley, who chose the trails for the weekend, took us to Stecoah Gap on Saturday afternoon. Stecoah Gap is the location of one of the Appalachian Trail shelters. Although we didn't make it to the shelter, this amazing walk did take us through changes in elevation that simulated walking backward in time through a month's growing season. Wood Betony, Bloodroot, Spiderwort, Running Strawberry Bush, Fern-leaved Phacelia, Walking Fern and Squawroot enjoyed seeing our group on the trail. Palmated Violet, which in North Carolina occurs mainly in the western mountains, was also a treat to see in bloom. Most astonishing were the hillsides covered with *Trillium luteum*, the Yellow Toadshade Trillium.

The group convened for dinner at the Lodge. Afterwards there was a brief business meeting and a plant share. Thanks, Jeannie Kraus, for the Columbines. They are very happy.

Twenty Mile Ranger Station was the starting point for the Sunday morning walk. Along Twenty Mile Creek we saw another Violet unusual to flatlanders: *Viola rostrata* or Long-spurred Violet. We also saw Cross Vine, Sanicle, Alum Root and Summer Bluets. What we didn't see, but searched wholeheartedly for, were Yellow Ladyslippers. The Slippers were there: we could feel them. However, rain began to fall. We called off the search and slowly headed back to our cars and home.



THE CONECUH: CHALLENGE AND MULTIPLICITY

George Wood

Two clangorous crows, high overhead, flew over this south Alabama limesink pond. White egrets sat perched in trees near the sandy shore, while a great blue heron moved effortlessly across the surface of the dark water towards the opposite shore.

"That's a real distinct characteristic of the southern part of Alabama," said Jimmy Huntly, a Forest Service biologist. "You have those natural ponds there. You have limestone underneath the soil and it will dissolve, and you'll have a sink and it holds water."

The Conecuh National Forest in extreme south Alabama, near the border with Florida, protects several of these limesink ponds along with an assortment of other habitats, each with its own distinctive aggregation of plants.

One of the more unusual plants found near some of the limesink ponds is the Indian Pipe (*Monotropa uniflora*). "It's a saprophyte or a microparasite, depending on who you believe," said Alvin Diamond, the director of the Troy State University arboretum in Troy, Alabama. "It either gets its nutrients out of the oak roots, or it gets its nutrients out of the fungi that live around the oak tree." The Indian Pipe, which has no chlorophyll and turns black if bruised or touched, flowers near the middle of October, but whether it will bloom from one year to the next is often a matter of conjecture. "They think the key is temperature and soil moisture or some combination of those," said Diamond, "but nobody knows exactly. It seems to come up when it wants to."

A variety of other flowering plants make their appearance in mid-October as well. Vanilla Plant (*Carphephorus odoratissimus*), grass-leaved golden aster (*Pityopsis graminifolia*), and the narrow-leaved sunflower (*Helianthus angustifolius*) are all common in the piney woods near the shores of the limesink ponds. Other characteristic plants include sweet pepperbush (*Clethra alnifolia*), Florida's elephant's-foot (*Elephantopus elatus*), and piney woods dropseed (*Sporobolus junceus*).

Blazing Stars are also well represented in the Conecuh National Forest. The typical *Liatris graminifolia* and the exceptional *Liatris elegans*, or "Elegant Blazing Star", are both found near the shores of some of the limesink ponds. "There are not really any ray or disk flowers," explained Diamond of the irregular *Liatris elegans*. "The bracts turn purple. It's the only *Liatris* that's like that and it's the only one that's really that color."

"A real key in the Conecuh National Forest to maintaining the native ecosystems is in our prescribed burning program," emphasized biologist Huntley. "the southeast, especially the Coastal Plain, is primarily a fire subclimax ecosystem."

"Traditionally," said Huntley, "we burned only in the wintertime, what we call dormant season fires. We know that works very well to keep the pitcher plants blooming and all the other species in there (bogs), but it was not doing a good job of keeping the shrubby invasion in check."

Recently, ecologists have promoted the concept of a natural burning regime. "They think that land management agencies," explained Huntly, "should copy what the natural fire regime was as close as possible. In the southeast this was a combination of lightning-caused fires in the summertime and also in the wintertime. That's what we hope to get to at some point in time. We hope the summer fires will do a better job of knocking the woody invasion back."

A visit to one of these summer burned sites provides resounding testimony to the resiliency of the forest. There are a considerable number of longleaf pines (*Pinus palustris*) here. Their long green needles dance and their regal crowns sway gently in the wind.

Several longleafs in the "grass stage" dotted the ground beneath them, resembling, as Dr. D. Bruce Means once phrased it, "A Garden of Brooms." "Once it germinates it will just look like a grass and it will sit there sometimes four or five years before it starts any height growth at all," said Huntly. "Primarily what it's doing during that time period is building a root system."

Wiregrass (*Aristida* sp.), a clump forming coastal plain species here, is also in the understory. "It needs fire," stressed Alvin Diamond. "It usually doesn't produce its seed unless it's burned, or disturbed."

Some of the other plants scattered throughout this summer burned site included blazing star (*Liatris tenuifolia*), rayless sunflower (*Helianthus radula*), and a rosinweed (*Silphium compositum*). There was a new species of gerardia (*Agalinis obtusifolia*), several specimens of rattlesnake master (*Eryngium yuccifolium*), and an extremely prolific white-topped aster (*Sericocarpus tortifolius*).

There was a tall mint (*Hyptis alata*) in some of the low, damp spots, and the rayless goldenrod (*Bigelowia nudata*) was also well represented. Two of the other representative plants found in this summer burned site were another vanilla plant (*Carphephorus pseudoliatris*), and toothache grass (*Ctenium aromaticum*). "Supposedly," said Diamond as he singled out the toothache grass, "if you chew the stems on it, it will make your mouth numb. It's a pretty common thing in the bogs."

The herbaceous pitcher plant bogs are probably some of the better known habitats in the entire coastal plain region. Two of the representative shrubs found in the Conecuh bogs are inkberry (*Ilex glabra*) and odorless bayberry (*Myrica inodora*). "The French down in Mobile," remarked Alvin Diamond, "used to make bayberry candles out of these and they were unscented. You find the odorless bayberry down around bogs and these sorts of habitats." Other shrubby species found include sweetbay (*Magnolia virginiana*), fetterbush (*Lyonia lucida*), and the exceptional flamebush (*Macranthera flammea*). "It's got orange-black corollas," Diamond said. "It's kind of a real unusual-looking plant. It's a parasite on oaks and is in the Scrophulariaceae."

Of course the bogs are best known for their bizarre carnivorous plants. Sundews (*Drosera brevifolia*) and dewthreads (*Drosera filiformis*) are two examples and some of the Conecuh bogs contain up to four species of pitcher plants in the same small area. Some of the other typical bog plants of the Conecuh include clubmosses (*Lycopodium carolinianum*, and *L. appressum*), hat pins (*Erocaulon compressum*), and white-top sedge (*Dichromena latifolia*).

Alvin Diamond visited one of the larger Conecuh bogs in mid-October and cataloged a variety of additional bog species. Another gerardia (*Agalinis aphylla*), another blazing star (*Liatris graminifolia*), and two other composites (*Balduina uniflora* and *Biden mitis*) were all standouts, along with the remnant stems of asphodel (*Tofieldia racemosa*), an indian plantain (*Arnoglossum sulcatum*), and the apparently ubiquitous rayless goldenrod (*Bigelowia nudata*) and vanilla weed (*Carphephorus pseudoliatris*).

"A real problem with these herbaceous bogs," explained biologist Jimmy Huntly, "is that woody growth further down the slope starts invading them. The real key to management again, is prescribed burning and wildfire."

George Wood is the founder of the Alabama Wildflower Society and was its first president. He has been the editor of the AWS Newsletter from its beginning over twenty years ago. He is a forester, retired from the management of the extensive land holdings of the University of Alabama.



Indian Pipe
Monotropa uniflora

*In the vaunted works of art
The master stroke is Nature's part.*

Emerson

NORTH CAROLINA WILD FLOWER BOARD MEETING MINUTES (February 16, 1992)

The meeting was held at the Welshmer's home in Chapel Hill after a potluck lunch, President Benson Kirkman presiding.

Treasurer Gretchen Cozart's report that showed a balance on hand of \$1,763.07 in the General Fund and a balance of \$10,864.08 in the Shinn Fund was accepted. Benson Kirkman reported that three students had applied for grants, and that the committee was considering grants of up to \$500 to each. He also reported that the Finance Committee had reviewed the Society's finances over the past several years as well as the dues of other native plant societies and several comparable organizations. The committee recommended that the dues be set at \$15.00 for Regular (Individual or Family) Membership, \$25.00 for Contributing Membership, and \$180.00 for a Lifetime Membership. Twenty percent of the Lifetime Membership should go to the operating account and 80 percent should go to the Shinn Fund. The new dues would be effective with the 1992-93 membership year, following ratification at the Spring General Meeting. A small reservation charge for each participant in Spring and Fall Meetings would be continued. Following discussion and a motion by Emily Allen, the new dues structure was accepted unanimously.

The Nominating Committee reported on their efforts, particularly on finding a new president. After lengthy discussion, Benson Kirkman agreed to accept nomination to a third term as president. The rest of the report was accepted, with special thanks to Gretchen Cozart, Nancy Hillmer, Jeannie Kraus, and Nancy Stronach for their service.

Benson Kirkman reported that the NCWFPS had been invited to participate with a booth at the Down and Dirty Festival in Raleigh, but that it fell on the weekend of our Spring Meeting. The Board decided to decline the invitation, but expressed concern that the Society needs to participate in more events such as this to attract new members. Benson stated that one of the best ways to attract new members was to show them the *Newsletter* and invite them to our Spring or Fall Meetings.

The Program/Meetings Committee led a discussion of the Spring and Fall 1992 Meetings, at Fontana Village and Scotland County respectively, and the possibilities of local outings if interest was sufficient. The Board expressed the need for members to send in outings of interest to our members for inclusion in the calendar in the *Newsletter*.

Following a brief discussion of the status of the *Propagation Handbook* and *The Natural Gardens of North Carolina* republication, the meeting was adjourned.

Adrianna G. Kirkman
Acting Recording Secretary

Merritt, Cheryl Sampson
P.O. Box 219
Mineral Springs, NC 28108

Merritt, Mrs. Robert E.
832 Country Club Road
Mount Airy, NC 27030

Michael, Carl C.
7919 Cleon Ave.
Sun Valley, CA 91352

Miller, Mrs. C. Arden
908 Greenwood Rd.
Chapel Hill, NC 27514

Miller, Mrs. Henry C.
1301 Arboretum Drive
Chapel Hill, NC 27514

Mills, Dr. Randolph D.
326 White Oak Drive
Henderson, NC 27536

Minno, Ms. Maria
303-18 Diamond Village
Gainesville, FL 32603

Mitchell, Mr. Joseph
44 West 10th Street
New York, NY 10011

Monroe, Tim
Rt. 4, Box 115
Greenville, NC 27834-9804

Moore, Mr. Charlie
P.O. Box 8
Brevard, NC 28712

Moore, Ms. Julie
526 N. Crawford St.
Thomasville, GA 31792

Moore, Mr. Ken
351 Old Fayetteville Rd.
Chapel Hill, NC 27516

Moorefield, Jr., Dr. W.G.
4452 Darventry Court
Charlotte, NC 28211

Moretz, Craig
2444 U.S. 70
Mebane, NC 27302

Morgan, Mr. & Mrs. Perry
3157 Adam Kneeling Rd.
Virginia Beach, VA 23454

Morris, Mr. E.C.
5275 Reynolda Rd.
Winston Salem, NC 27106

Morrison, Vaughn & Beth
107 Lakeway Court
Cary, NC 27511

Morse, Dr. Larry E.
The Nature Conservancy
1815 N. Lynn Street
Arlington, VA 22209

Morton, Mrs. Nell H.
5500 NC 86
Chapel Hill, NC 27514

Mouzon, Mrs. Olin T.
P.O. Box 2233
Chapel Hill, NC 27515-2233

Murphy, Mr. & Mrs. J. Paul
1514 Boxwood Lane
Apex, NC 27502

Murray, Mr. & Mrs. Lee
304 Delafield Avenue
Durham, NC 27704

Newell, Dr. Marjorie P.
3901 Guinevere Lane
Winston-Salem, NC 27104

Mewman, Mrs. Fran
Rt. 2, Box 226A
Troutman, NC 28161

Nichols, Mr. Henry Arch
50 Windsor Road
Lakeview Park
Asheville, NC 28804

Noggle, Dr. & Mrs. Ray
Whitaker Glen Apt. 205A
501 E. Whitaker Mill Rd.
Raleigh, NC 27608

Nooe, Miss Sarah M.
112 West Sharpe Street
Statesville, NC 28677

Norman, Mrs. Mary H.
250 Lyles St., Colinswood 26B
Elkin, NC 28621

Nowlin, Mrs. Preston P.
1868 Maryland Avenue
Charlotte, NC 28209

Oldham, Carla
107 Cathy Rd.
Carrboro, NC 27510-1919

Olive, Jr., Mr. & Mrs. Hubert E.
708 Hilltop Drive
Lexington, NC 27292

Olson, Ms. Wendy L.
529 Lakeshore Drive
Hillsborough, NC 27278

Osborne, Mr. Clyde K.
280 Osborne Road
Brevard, NC 28712

Pace, Mrs. John H.
1909 Salt Myrtle Lane
Orange Park, FL 32073

Parham, Mrs. W.W.
435 Westview Drive, N.W.
Winston-Salem, NC 27104

Parker, Michael Y.
2040 Oakton Dr.
Raleigh, NC 27606

Patterson, Charlotte
7706 Tamery Rd.
Summerfield, NC 27358

Payne, Dr. Robert B.
Rt. 6, Box 500-S
Mooreville, NC 28115-9622

Pegg, Mr. & Mrs. Carl
1211 Carol Woods
750 Weaver Dairy Rd.
Chapel Hill, NC 27514

Perkins, Ken & Margo
P.O. Box 396
Elon College, NC 27244

Perry, Jesse
N.C.S. Mus. of Nat. Science
P.O. Box 27647
Raleigh, NC 27611

Perry, Thomas O.
5048 Avent Gerry Rd.
Raleigh, NC 27606

Petersen, Ms. Kathlyn P.
P.O. Box 212
Otto, NC 28763

Phillips, Mrs. Pete
P.O. Box 27
Cameron, NC 28326

Piwowski, John & Janet
108 North 10th St.
New Hyde Park, NY 11040

Pleasant, Mrs. Ginger
Rt. 2, Box 15
Angier, NC 27501

Poppell, Ms. Patsy
Rt. 3, Box 1084
Thomasville, GA 31792

Post, Sidney
P.O. Drawer 1089
Hoffer Plant
Fayetteville, NC 28301

EASTERN NATIVE PLANT ALLIANCE

The ENPA/Connecticut College Arboretum resolution noted that "abolition of noise pollution, conservation of energy and healthful exercise are all added benefits." Delegates pointed out that the technique also reduces the need for non-renewable chemical fertilizers and pesticides.

1) Growing Attention to Invasive Alien Species

a) Federal Efforts

i) The USDA Animal and Plant Health Inspection Service (APHIS) has formally designated the paper bark tree, *Melaleuca quinquenervia*, as a "noxious weed" under the Federal Noxious Weed Act. The designation was published in the *Federal Register* of 13 March, 1992. This is the first species so designated because of its impact on natural ecosystems as opposed to agricultural or range lands.

We are participating on a "Weed Steering Committee" to advise APHIS on ways to improve the FNWA. The Committee should finalize its recommendations in the middle of August. We will then have to see which ones APHIS adopts.

In the meantime, representatives of the Weed Science Society are exploring a joint lobbying effort to amend the FNWA. Among the proposals are changes which would give APHIS emergency powers to ban imports of invasive plants not yet designated and clarifying treatment of seeds of "noxious weeds"; giving APHIS broadened powers to ban interstate shipment of noxious weeds; and creating a fund to use in eradicating incipient infestations before they spread. Such measures would help improve protection of native ecosystems and, over the long run, reduce reliance on herbicides.

We invite all of you to join in this lobbying campaign.

ii) The 1990 Farm Bill instructed all federal land-managing agencies to appoint a staff person and develop a policy with regard to introduction of alien species. We regret that we cannot tell you about what each agency is doing; you should make inquiries to the Forest Service and Fish and Wildlife Service (re: National Wildlife refuges).

iii) The Office of Technology Assessment (a research arm of the Congress) has circulated a draft of its report on "invasive non-indigenous species" for comments; by the end of the process, several hundred people will have been consulted in some form or other. The review team agreed that the report contained considerable information about a wide range of invasive species, the threats they pose, and the ways in which they entered the country. Naturally, we had numerous suggestions for improving it. The final report should be published in May 1993. We will tell you how to obtain a copy.

Once the report is out, it will be up to the environmental community to press Congress and the agencies to adopt those "options" that we consider helpful. So far, no environmental organization has committed itself to leading this effort. We hope that we do not miss this opportunity. If a coordinated campaign is not launched, either no progress will be made, or the focus will remain on species harmful to agriculture and, to a lesser extent, timber.

b) State efforts

Virginia is considering designation of purple loosestrife, *Lythrum salicaria*, as a noxious weed. We expect controversy to focus on whether to prohibit the sale of the various hybrid cultivars. According to Peter Ascher of the University of Min-

nesota, *all* of these cultivars are capable of crossing with any wild *Lythrum* within reach by bees. "Morton" crosses particularly have few barriers to hybridizing with the species found in the upper midwest, *L. alatum*. Ascher sees no reason why they would not also cross with the species found in the mid-Atlantic states. The plants produced by these crosses can be even larger and more invasive than the original problem species.

If you have information related to the invasiveness of loosestrife, or of other states' decisions to prohibit its distribution, please provide it to Ted Scott of the Virginia Native Plant Society and me, so that we can persuade the Virginia Department of Agriculture and Consumer Services to ban sale of all potentially invasive varieties and cultivars. Virginia's hearing is scheduled for the middle of September.

In North Carolina, the Division of Water Resources is expected to designate purple loosestrife under its aquatic weed legislation around 1 September. The Department of Agriculture expects to make a decision under its noxious weed law in November.

c) Non-Governmental Organizations

The California Native Plant Society is sponsoring an "Exotic Pest Plant Symposium" on 9-10 October. For more information, contact George Molnar at 801 Spring Drive, Mill Valley, CA 94941.

The Indiana Academy of Science plans to sponsor the second national conference on "biological pollution" in early summer of 1993 (after release of the OTA report described above). The first meeting provided much useful information; we hope the second will help develop the constituency needed to bring progress. Contact Bill McKnight at the Indiana State Museum, 202 North Alabama, Indianapolis, IN 46204.

A RETURN TO PUSH MOWERS?

NEW LONDON, Conn. August 12. - Responding to the U.S. Environmental Protection Agency's recent call for controlling air pollution from gasoline lawn mower engines, environmentalists today urged homeowners to reduce the amount of grass on their lawns by planting "trees and shrubs and/or allow colorful meadows to develop," making their lawns small enough to mow by hand with traditional push mowers.

The approach, known as "naturalistic landscaping," has been prominently encouraged for 20 years by Connecticut College botanist William Niering, and is the topic of a 1975 bulletin of the Connecticut College Arboretum. Niering, 68, a founder of the Nature Conservancy, is a Johnny Appleseed of this idea who collects traditional mowers, sharpens them, and gives them out to friends.

Niering's stockpile of lawnmowers is temporarily up to six, but since the resolution was passed he already has given one to a newly-interested neighbor, and is prepared for a modest rush.

"This," he says, "is a straightforward, simple idea whose time has come."

At the close of their three-day annual meeting, held this year at Connecticut College, delegates to the Eastern Native Plant Alliance (ENPA) joined the Connecticut College Arboretum in endorsing a resolution drafted by Dr. Niering calling for naturalistic landscaping as "a solution to the EPA concern about the 83 million power mowers which represent a major source of air pollution across the nation."

MEMBERS

Adams, Mrs. LeNeve H.
1618 Ambleside Drive
Raleigh, NC 27605

Adams, Mrs. Rosanna M.
421 Farmstead Dr.
Cary, NC 27511

Al-Zoubi, Ms. Anita
1312 Plymouth Ct.
Raleigh, NC 27610

Albright, Ms. Anne
417 Landerwood Lane
Chapel Hill, NC 27514

Alexander, Mrs. Karen
2416 Shenandoah Ave.
Charlotte, NC 28205

Alexander, Mrs. Mary Edith
365 Meredith St.
Raleigh, NC 27606

Alexander, Mrs. R. Bain
513 Audobon Drive
Greensboro, NC 27410

Alexander, Mrs. Robert P.
2601 Park Lane
Charlotte, NC 28214

Allen, Mr. & Mrs. O.G.
1466 Oldtown Road
Winston-Salem, NC 27106

Alligood, Mr. William R.
420 E. Main St.
Washington, NC 27889

Andrews, Ms. Susan W.
514 Coffey St.
N. Wilkesboro, NC 28659

Apple, Mrs. Roy D.
1816 Edgewood Ave.
Burlington, NC 27215

Arbuckle, Mrs. William
Rt. 1, Box 71
Robbinsville, NC 28771

Arrington, Mrs. Daisy S.
6700 Peachtree Ind. Blvd. B-5
Doraville, GA 30360-2200

Aurand, Mr. Len
921 Trailwood Dr.
Raleigh, NC 27606

Austin, Mrs. John W.
500 Lindale Drive
High Point, NC 27265

Baer, R. Adm. Donald G.
5944 Oakdale Road
McLean, VA 22101

Ballington, Dr. & Mrs. James R.
501 S. Harrison Ave.
Cary, NC 27511

Beam, Lynca C.
312 Vernonburg Rd.
Savannah, GA 31419

Beasley, Blair R.
P.O. Box 38
Colerain, NC 27924

Bell, Dr. C. Ritchie
5000 Walnut Cove Rd.
Chapel Hill, NC 27516

Bellis, Jr., Mr. & Mrs. Vincent J.
1205 East Wright Road
Greenville, NC 27834

Benbow, Mrs. Charles D.
329 Oakwood Drive
Statesville, NC 28677

Bennett, Mrs. Roger Q.
Rt. 3, Box 581
Hiawassee, GA 30546

Blaha, Mrs. George W.
P.O. Box 360
Cedar Mountain, NC 28718-0360

Blake, Mrs. Walter W.
617 Raleigh Rd.
Wilson, NC 27893

Blume, Dr. Denise
Rt. 1, Box 190-A
Germantown, NC 27019

Bond, Mrs. Richmond
1111 Carol Woods
750 Weaver Dairy Rd.
Chapel Hill, NC 27514-1437

Bonitz, Mrs. Dorothy
146 Great Oak Dr.
Hampstead, NC 28443

Bonsal, Jr., Mr. Warwick P.
5 Stolls Alley
Charleston, SC 29401

Bossee, Mr. Rowell D.
P.O. Box 502
Brevard, NC 28712

Bourgeois, Fred & Billie
Rt. 1, Box 108
Troutman, NC 28166-9708

Bowen, Arlene A.
RR 2, Box 264
Lansing, NC 28643

Boyer, Mr. & Mrs. Hugh M.
824 Seventh Street, N.W.
Hickory, NC 28601

Boyer, Mr. & Mrs. Jeff
Rt. 1, Box 242
Creston, NC 28615

Boyles, Mr. Roger
4 Blake Dr.
Pittsboro, NC 27312

Bracey, Mr. & Mrs. John A.
239 Surry Ave. (Box 686)
Elkin, NC 28621

Brauus, William E.
2520 Westmoreland Dr.
Greensboro, NC 27408

Braxton, Mr. & Mrs. Walter B.
2111 Braxton Lane
Greensboro, NC 27408-2801

Briden, Mr. Frank
1305 Knights Way
Raleigh, NC 27615

Brigham, Darlene Dow
2761 London Ln.
Winston-Salem, NC 27103-5126

Broderick, Mrs. Patricia
P.O. Box 754
Troutman, NC 28166

Brody, Ms. Hilda
P.O. Box 66
Blanch, NC 27212

Brooke, Mr. A. Wayne
5208 Coronado Drive
Raleigh, NC 27609

Broughton, Mrs. T.R.S.
1111 Roosevelt Drive
Chapel Hill, NC 27514

Brown, Mrs. Frances
3921 Woodleaf Rd.
Charlotte, NC 28205

Brown, Ms. Mary B.
113 Winners Circle
Cary, NC 27511

Brown, Mrs. Norman S.
2105 Canal Drive
Wilson, NC 27893

Bryan, Mr. & Mrs. Charles
3335 Alleghany Dr.
Raleigh, NC 27609

Butler, Mrs. Gordon
410 W. Williams St.
Apex, NC 27502

Bynum, Jr., Mrs. Z.T.
832 S. Main Street
Winston-Salem, NC 27101

Cabot, Mr. Frank
Route 301 - RR2, Box 371
Cold Spring, NY 10516

Caldwell, Jr., Mrs. James R.
Rt. 3, Box 177
Chapel Hill, NC 27516

Camenzind, Mrs. Enoo F.
116 Lambs Creek Road
Brevard, NC 28712

Campbell, Mr. & Mrs. John S.
1001 Parkside Drive
Wilson, NC 27893

Campbell, Mrs. Walker
1102 E. Franklin Street
Chapel Hill, NC 27514

Cannon, Ms. Cordelia Penn
540 Woodland Drive
Greensboro, NC 27408

Capel, Mrs. F.W.
Rt. 2, Box 1278
Thomasville, NC 27360

Carl, Ms. Betsy
301 Telfair
Augusta, GA 30901

Carpenter, Albert & Susan
6127 Sharon Hills Rd.
Charlotte, NC 28210

Carroll, Miss E. Beam
201 Harborview Dr.
Cherryvill, NC 28021

Carter, Cathy
215 Myers Ave.
Raleigh, NC 27604

Carter, Mrs. Mary W.
Rt. 6, Box 175
Reidsville, NC 27320

Caruso, Mrs. Judith
719 Greenwich St.
New York, NY 10014

Center, Ms. Barbara
Box 303
Scaly Mountain, NC 28775

Chartrand, Ms. Elizabeth R.
2006 Bluemont Dr.
Greensboro, NC 27408

Cheshire, Jr., Mrs. Joseph B.
1205 Westmoreland Drive
Raleigh, NC 27612

Chester, Sheryan & Alexander
Rt. 2, Box 7R
Newport, NC 28570

Christian, Dr. & Mrs. B. J.
216 Mistletoe Dr.
Greensboro, NC 27403

Clark, Mrs. Badie T.
607 Raleigh Road
Wilson, NC 27893

Clark, Mrs. Billie M.
6208 King George Dr.
Charlotte, NC 28213

Clark, III, Mrs. W. G.
P.O. Box 1138
Tarboro, NC 27886

Clayton, Jr., Mrs. Harvey G.
1002 Salem Street
Wilson, NC 27893

Cleereman, Helen M.
1018 Northview St.
Garner, NC 27529

Conner, Mr. & Mrs. Robert W.
1405 Emerywood Drive
High Point, NC 27262

Cooper, Mrs. Leland R.
RR 2, Box 107A
Creston, NC 28615

Cooper, Mrs. William R.
511 Hungerford Pl.
Charlotte, NC 28207

Cotrufo, Margaret
110 Rainbow Ct.
Cary, NC 27511

Cox & Carolyn Williams, Kirt
2539 Sevier St.
Durham, NC 27705

Cozart, Mr. & Mrs. Sydnor M.
900 W. Nash Street
Wilson, NC 27893

Craft, Mr. William H.
1000 Dover Road
Greensboro, NC 27408

Crawford, Mr. & Mrs. Robert H.
P.O. Box 1047
Linville, NC 28646

Crites, Ms. Martha
Rt. 2, Box 112A
Sylva, NC 28779

Crockford, Mrs. Horace D.
2118 Carol Woods
750 Weaver Dairy Rd.
Chapel Hill, NC 27514

Crow, Mr. William E.
1249 Pinebluff Rd.
Winston Salem, NC 27103

Crump, Philip H.
P.O. Box 6622
Raleigh, NC 27628

Crutcher, Dr. Harold L.
35 Westall Ave.
Asheville, NC 28804

Cunningham, Mrs. Martha H.
2510 Piedmont Drive
Sanford, NC 27330

Curie, Ms. Martha Jane
Rt. 3, Box 16, Rocky Hills
Pittsboro, NC 27312

Daniels, Mr. & Mrs. Hal F.
P.O. Box 398
Wingate, NC 28174

Davenport, Martha
267 Buchanan Road
Jonesborough, TN 37659

Davis, Angela
5315 Dana Drive
Raleigh, NC 27606

Dawson, Mrs. Anna H.
406 E. Farriss Ave.
High Point, NC 27262

Dee, Barbara
P.O. Box 560535
Charlotte, NC 28256

DeLong, Carol W.
Rt. 4, Box 107
Lakeview Acres
Wilkesboro, NC 28697-9308

Dickerson, Mr. James P.
2015 Greenbriar Rd.
Winston-Salem, NC 27104

Dilatush, Mr. Tom
780 Rt. 130
Robbinsville, NJ 08691

Dixon, James W.
150 Burrage Road
Concord, NC 28025

Doak, Dr. & Mrs. George O.
717 Old Mill Road
Chapel Hill, NC 27514

Donavant, Mrs. Mary B.
435 Yarmouth Rd.
Raleigh, NC 27608

Donnan, Mrs. Caroline W.
P.O. Box 885
Chapel Hill, NC 27514

Drehmel, Dennis C.
1131 Sturdivant Dr.
Cary, NC 27511

Dunn, Michael L.
5817 Bayberry Lane
Raleigh, NC 27612

Earley & Renee Gledhill-Earley,
Larry
126 Forest Rd.
Raleigh, NC 27605

Easterling, Mr. & Mrs. Mahlon
4702 Old Chapel Hill Road
Durham, NC 27707

Elliott, Mrs. Nell W.
4635 Pine Hill Drive
Pfafftown, NC 27040

Ellis, Dr. Helen J.
20705 Pointe Regatta Dr.
Davidson, NC 28030

Evans, Mrs. J. Claude
183 Dogwood Trail
Eagles Nest Mountain
Waynesville, NC 28786

Everett, Jr., Mr. & Mrs. Ben B.
1819 North Main St.
Scotland Neck, NC 27874

Feil, Elisabeth
10 Springside Park
Asheville, NC 28803

Findley, Mrs. Sandra
Rt. 1, 106 Beechwood Dr.
Youngsville, NC 27596

Fisher, Mrs. Myrle H.
3401 Alleghany Dr.
Raleigh, NC 27609

Fitz-Simmons, Mrs. Ann S.
904 Belhaven Drive
Cary, NC 27511

Flory, Mr. Walter S.
2025 Colonial Place
Winston-Salem, NC 27104

Foster, Ed. Coordinator, Eden
NC Arboretum
P.O. Box
Asheville, NC 28816

Frost, Mr. Cecil
NC Plant Conservation Program
P.O. Box 27647
Raleigh, NC 27611

Georgion, Toni
210 Honeysuckle Dr.
Rutherfordton, NC 28139-3232

Gervais-Gruen, Mrs. Elizabeth F.
914 Crestwood Lane
Chapel Hill, NC 27514

Giles, Mrs. Alice R.
4216 Oak Park Road
Raleigh, NC 27612

Ginn, Mrs. Dorothy M.
401 Kyle Road
Winston-Salem, NC 27104

Givens, Mrs. Louis M.
745 Densley Dr.
Decatur, GA 30033

Glaze, Emily S.
530 Archer Rd.
Winston-Salem, NC 27106

Goodman, Ms. Ann
712 Darby Ave.
Kinston, NC 28501

Gordon, Alan & Marilyn
917 Willow Run Dr.
Raleigh, NC 27615

Gordon, Mr. I. Bryce
3456 Lakeview Dr.
Pfafftown, NC 27040

Goudreau, Mr. & Mrs. Christopher
320 S. Garden St.
Marion, NC 28752

Graham, Mr. Douglas
Science Dept.
Barton College
Wilson, NC 27893

Graves, Jr., Mr. & Mrs. C. S.
1301 Summit Ave.
Washington, NC 27889

Graves, Mrs. Thomas W.
1213 Watson Drive
Wilson, NC 27893

Green, Mrs. Betty C.
2019 Liberty Dr.
Greensboro, NC 27408

Greene, Jack & Patti Martin
Rt. 10, Box 149
Statesville, NC 28677

Greene, Mr. & Mrs. Peter S.
701 Plummer Dr.
Greensboro, NC 27410

Grimm, Mrs. William C.
P.O. Box 56
706 Pelzer Hwy.
Easley, SC 29642

Haberyan, Mrs. Augusta S.
Bluff Road - Cedar Point
Swansboro, NC 28584

Haggard, Mr. & Mrs. Bill
P.O. Box 9306
Asheville, NC 28815

Hammond, Henry C.
P.O. Box 12443
Raleigh, NC 27605

Harberts, Lisiott
437 Walnut St.
Statesville, NC 28677

Harris, Mr. Edwin R.
243 Ridgewood Ave.
Charlotte, NC 28209

Hart, Paul C.
Rt. 3, Box 1001
Lillington, NC 27546

Hawkins, Eric
2428 U.S. 70
Mebane, NC 27302

Hawks, Mr. & Mrs. Bruce
1111 Dawson St.
Chapel Hill, NC 27516

Hechenbleikner, Dr. & Mrs. Herbert
2654 Chilton Place
Charlotte, NC 28207

Helms, Mrs. R. M.
127 King George Road
Greenville, NC 27858

Helton, Ms. Betty H.
2189 Windy Oaks Road
Fort Mill, SC 29715

Henley, Mrs. A.S.
Rt. 2, Box 565
Newland, NC 28657

Henry, Miss Josephine
Henry Foundation for Botanical
Research
Gladwyne, PA 19035

Herring, Mrs. William B.
6212 Dryads Court
Browns Summit, NC 27214

Hiles, Dorothy
160 Dowdle Mt. Rd.
Franklin, NC 28734

Hillmer, Ms. Nancy
Rt. 2, Box 173
Pittsboro, NC 27312

Hines, Mrs. H.B.
23 Rogerson Drive
Chapel Hill, NC 27514

Hodges, Miss Sara L.
2210 Roswell Ave., Apt. 7
Charlotte, NC 28207

Hodnett, Ms. Susannah L.
3311 Henderson Rd.
Greensboro, NC 27410

Holt, Mr. W. Clary
509 Country Club Drive
Burlington, NC 27215

Holzauer, Mrs. R.W.
509 Albert Avenue
Wilson, NC 27893

Hopkins, Mr. & Mrs. Everett H.
49 Forest at Duke Drive
Durham, NC 27705-5610

Horner, Mr. W. Elliott
Tulane Medical Center
1700 Perdido Street
New Orleans, LA 70112

Horton, Mrs. Brewer Tate
517 Wildwood Lane
Burlington, NC 27215

Howard, Mrs. Eleanor Bass
P.O. Box 341
Tarboro, NC 27886

Howard, Mr. & Mrs. Thomas E.
Rt. 2, Box 7H16
Youngsville, NC 27596

Howell, Mrs. Jane H.
Rt. 2, Box 117
West Jefferson, NC 28694

Hubbard, Brenda C.
Rt. 10, Box 356
Hickory Tree Rd.
Winston-Salem, NC 27127

Hubbard, Mrs. Charles S.
"Hackberry Hill," Box 58
Pittsboro, NC 27312

Hughes, Mr. & Mrs. R.W.
718 Worth Street
Apt. 23
Asheboro, NC 27203

Hutslar, Mrs. Sally
4985 Oak Garden Dr.
Kernersville, NC 27284

Illman, Ms. Florence W.
Rt. 1, Box 334-C
East Road
Walnut Cove, NC 27052

Inglis, Mrs. David R.
Somerset Farm
P.O. Box 392
Edenton, NC 27932

Inman, Joseph C. & Margaret G.
8 Pintail Court
Brevard, NC 28712

Irvin, Dr. E. Wayne
3600 Country Club Lane
Raleigh, NC 27606

Isenberg, Ms. Yvonne M.
317B Valley Rd. Ext.
Charlottesville, VA 22903

Jamison, Mr. & Mrs. John
100 Windswept Dr.
Ashville, NC 28801

Janes, William
3 Page Rd.
Tryon, NC 28782

Jenkins, Jr., Mrs. Joel S.
129 Great Oaks Dr.
Fayetteville, NC 28303

Jones, Jr., Mr. & Mrs. Thomas J.
1015 Anderson St.
Durham, NC 27705

Jones-Roe, Chuck Roe & Family
c/o N.C. Botanical Garden
Totten Center, CB-3375
Chapel Hill, NC 27599-3375

Julian, Miss Nancy C.
1933 Gaston Street
Winston-Salem, NC 27103

Kincaid, Mrs. Lynn L.
104 Laurel Lane
Boone, NC 28607

King, Jr., Mrs. James A.
Rt. 4, Box 92
Stoneville, NC 27048

King, Ms. June
P.O. Box 1096
Banner Elk, NC 28604

Kirkman, Jr., Mr. & Mrs. C. H.
8500 Fox Run
Potomac, MD 20854-2504

Kirkman, Mr. & Mrs. Wm. Benson
708 Brent Road
Raleigh, NC 27606

Kirschbaum, Ms. Ruth
5 Waters Road
Asheville, NC 28805

Kline, Marge & George
1289 Old Georgia Rd.
Franklin, NC 28734

Knight, Mrs. George K.
624 S. Mulberry Street
Statesville, NC 28677

Knox, Mrs. Bonner
112 W. Sharpe St.
Statesville, NC 28677

Knox, Mr. John N.
1439 Canterbury S.E.
Aiken, SC 29801

Koontz, Lt. Col. & Mrs. G.C.
Rt. 1, Box 250
Laurel Springs, NC 28644

Kraus, Jeannie & Brian
Rt. 4, Box 290J
Newport, NC 28570

Lahmann, Mrs. Wanda
1437 82nd Ave., S.E.
Salem, OR 97301

Lamb, Ms. Vivian
3121 W. 564 Hwy
Apex, NC 27502

Lamberson, Mrs. J.W.
"Catatoga Path"
Connestee Falls
Brevard, NC 28712

Lambert, Ms. Aline
P.O. Box 58023
Fayetteville, NC 28305-8023

Lamm, Jr., Mrs. W. T.
903 Raleigh Road
Wilson, NC 27893

Lamm, III, Mrs. W. T.
1117 Watson Drive
Wilson, NC 27893

Lane, Amelia P.
4904 Hermitage Dr.
Raleigh, NC 27612

Lapp, Mr. & Mrs. John
4305 Waterwheel Dr.
Raleigh, NC 27606

Larkin, Mrs. Harriett
514 W. Oak Street
Greenville, MI 48838

Lawson, Mrs. Richard E.
516 W. Parkway
High Point, NC 27262

LeGrand, Dr. Harry
1109 Nichols Dr.
Raleigh, NC 27605

Lewis, Mrs. E. Gregory
307 Greenwood Drive
Greensboro, NC 27410

Library, Couch Botanical
UNC-CH, CB-3280
Chapel Hill, NC 27599-3280

Library, Serials & Exchange
N.Y. Botanical Garden
Bronx, NY 10458-5126

Library, Wilson
N.C. Collection
UNC-CH, CB-3930
Chapel Hill, NC 27599-3930

Lighty, Director, Dr. Richard W.
Mt. Cuba Center
P.O. Box 3570
Greenville, DE 19807-3570

Lilly, Mrs. Ashton W.
1134 Offshore Drive
Fayetteville, NC 28305

Lindley, Mrs. C. C.
Rt. 3, Box 364
Chapel Hill, NC 27516

Lineberry, Mrs. Weaver
Rt. 2, Box 141
Randleman, NC 27317

Lofland, Jr., Mrs. Hugh B.
2820 Birchwood Drive
Winston-Salem, NC 27103

Logan, Mr. Harry
3135 Charlyne Drive
Hendersonville, NC 28739

Long, Miss Marianna
2739 Sevier Street
Durham, NC 27705

Lowrance, Mr. E.G.
742 Lynn Dee Drive
Winston-Salem, NC 27106

Lynch, Merrill & Karen
409 Sleepy Valley Rd.
Apex, NC 27502

MacIntyre & G. Morris, Margo
233 S. Academy St.
Mooreville, NC 28115

Mackintosh, Mr. & Mrs. Robert
1128 Colleton Avenue
Aiken, SC 29801

MacMillan, Sally & Chris
Big Buck Island
Rt. 1, Box 8 MC
Bluffton, SC 29910

Maner, Ms. Mary K.
2335 Turnberry Lane
Charlotte, NC 28210

Marlowe, Jr., Mrs. W.A.
206 Brentwood Dr.
Wilson, NC 27893

Martin-Marietta
Attn: Carole Cameron
Box 30013
Raleigh, NC 27622

Masson, Mrs. Barbara
Rt. 6, Box 326M
Mooreville, NC 28115

Mathews, Ms. Willodene
1710 Summerlane S.E.
Decatur, AL 35601

Mattocks, Mr. & Mrs. James
P.O. Box 70
Trinity, NC 27370

Mayer, Dr. & Mrs. Walter B.
2420-407 Roswell Ave.
Charlotte, NC 28209

McConnell, Owen & Pat
2808 Butner Street
Durham, NC 27704

McCormick, Ms. Jennifer
113 Tall Oaks Road
Chapel Hill, NC 27516

McDermott, Marcia S.
13 Thudatsi Ct.
Brevard, NC 28712

McDonnell, William F.
1212 Roosevelt Dr.
Chapel Hill, NC 27514

McDowell, Mr. G.W.
6 Oak Ridge Road
Asheville, NC 28805

McDowell, Mrs. Mary L.
106 W. Battle Avenue
Tarboro, NC 27886

McInnes, Mrs. Cornelia G.
1020 W. Peace St. F-6
Raleigh, NC 27605

McKerrow, Mrs. Wilson D.
604 Emory Drive
Chapel Hill, NC 27514

McLellan, Elizabeth S.
405 Colony Woods Dr.
Chapel Hill, NC 27514

McLintock, Mrs. Thomas F.
75 Cambridge Road
Asheville, NC 28804

McQueen, Kim
5625 Meadow Run
Knightdale, NC 27545

Melendez & Gary Cappy, Miriam
5429 Trestlewood Lane
Raleigh, NC 27610-4570

Mellinchamp, Dr. & Mrs. T.L.
3036 Ventosa Drive
Charlotte, NC 28205

Melvin, Mr. & Mrs. Lionel
P.O. Box 313
Pleasant Garden, NC 27313

NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY
SPRING 1992 BUSINESS MEETING
(April 25, 1992)

Following brief remarks and thanks to Alvera Henley, Harry LeGrand, Craig Moretz, Jeannie Kraus, Bonnie Arbuckle, and others for their help with the outing, President Benson Kirkman reported for the Nominating Committee. With no nominations from the floor, the nominations were closed. The nominated slate was then unanimously elected.

President	Benson Kirkman
Vice-President	Eric Hawkins
Treasurer	Nancy Julian
Rec. Secretary	Elvira Howard
1996 Trustees	Carla Oldham Craig Moretz Ed Swab
1994 Trustee	Bob Tuggle (to complete Eric Hawkins' term)

Four members of the Alabama Wildflower Society were introduced and welcomed.

Benson Kirkman then recognized members celebrating special occasions (ask who and what at the Fall Meeting), and ended the meeting by thanking outgoing members of the Board.

WELCOME NEW MEMBERS

Dennis and Marlene Alder
2701 Vestry Way
Raleigh, NC 27613

Mr. and Mrs. Sam Snowden, Jr.
P.O. Box 1764
Laurinburg, NC 28353

David and Marge Johnson
23520 River Road
Wagrum, NC 28396

Bobby J. Ward
930 Wimbledon Drive
Raleigh, NC 27609

Bing Smedberg
606 Northridge Street
Greensboro, NC 27403

Mr. and Mrs. Albert Weinrich
2104 Markham Drive
Chapel Hill, NC 27514

1992 EASTERN NATIVE PLANT ALLIANCE ANNUAL MEETING

by Benson Kirkman

I was pleased to be able to attend the ENPA meeting at Connecticut College in New London, CT, August 9-12. North Carolina was also represented by Dr. Dick Bir of the Mountain Horticultural Crops Research Center and Barbara Emerson from the NC Botanical Garden.

Many topics discussed at last year's meeting hosted by our Society and the NCBG were carried over to this year, including invasive plants, longleaf pine straw, and many other habitat issues. One working group even got into a major discussion of semantics/terminology related to "invasive, exotic, alien, native, indigenous, etc." The exchange of ideas and information, i.e. networking, was the goal of the meeting, and that goal was well met.

Highlights of the meeting included a presentation by Dr. Sandra Anagnostakis of the Connecticut Experiment Station entitled "*Are Chestnut Trees Coming Back?*". Dr. Dick Jaynes made a presentation on breeding improved cultivars of our native mountain laurel, and Dr. Sally Taylor gave a talk on our native azaleas. Dr. Bill Niering, ecologist, and Dr. Glenn Dreyer, director of the Connecticut College Arboretum, made presentations and led outings to view the local flora.

As a part of our Society's continuing commitment as a constituent member if ENPA, I was asked to remain as Treasurer and a member of the Steering Committee for another year. Next year's meeting will be in September in St. Louis, Missouri.

ALL MEMBERS ALERT

There are many things each of you can do that will improve the quality of our organization. The board hopes you will answer this appeal.

1. If you live in an interesting and beautiful area (Who doesn't in North Carolina?) talk to local friends about hosting a meeting. You can stake out places, get permission, plan routes, suggest lodging and a dinner site and Eric Hawkins, our vice president and planning head, will welcome your suggestions and work with you.
2. Take time to write articles for our *Newsletter*. Do you have a favorite native plant? Do you have a special stand of wildflowers that are especially pleasing in their particular combination? If you have a roadside planting project we would like to hear about it. All of these things and more would make great topics for the *Newsletter*.
3. Invite friends to our outings. We welcome guests and hope they will join us. Each one has knowledge to share.
4. Put notices of our meetings and information about joining NCWFPS in your local papers.
5. If you belong to a local hiking and study group, let us hear about it. If you do not, think about it. It can open new opportunities to see previously unknown "holy places" and to gain access to properly organized and legitimate plant rescues in places which are to be graded for commercial or residential development.
6. If you discard old copies of *Newsletters* please send them to our president for distribution to library staffs who request them or put them in your own public libraries. Circulation is the best kind of recycling.

Pratt, Sam & Eva
1229 Boiling Spr. Rd.
Spartanburg, SC 29303-2258

Pyne, Jr., Mr. George C.
806 Vickers Avenue
Durham, NC 27701

Pyne, Mr. Milo
2513 Essex Place
Nashville, TN 37212-4119

Rankin, Mr. Claude W.
2833 Skye Drive
Fayetteville, NC 28303

Rankin, Ms. Douglass
Rt. 2, Box 235
Bakersville, NC 28705

Rankin, Jr., Mr. Henry
8123 Blue Heron Dr.
Apt. E-304 B
Wilmington, NC 28405

Rapp, Mrs. Betty J.
5012-C Edwards Mill Rd.
Raleigh, NC 27612

Rathmann, Dorothy M.
600 Carolina Village RD 23
Hendersonville, NC 28792

Read, Mr. Kenneth H.
275 Edgewood Rd.
Chapel Hill, NC 27514

Reed, Jr., Mrs. Ralph A.
552 Westview Drive
Winston-Salem, NC 27103

Reid, Mrs. Margaret
1439 Dixie Trail
Raleigh, NC 27607

Reins, Mr. Ralph R.
209 W. Woodridge Dr.
Durham, NC 27707

Rich, Mr. & Mrs. Floyd N.
1396 NC 65
Reidsville, NC 27320

Richards, Mrs. Ruth N.
205 Ridgewood
Mt. Airy, NC 27030

Rinker, Dr. George E.
817 Colonial Dr.
Burlington, NC 27215

Robertson, Sarah C.
Rt. 5, Box 106
Statesville, NC 28677

Robinson, Mrs. Harold
3203 Country Club Rd.
Morehead City, NC 28557

Rodgers, Mrs. John J.
4910 Carmel Park Dr.
Charlotte, NC 28226

Ross, Jr., Mrs. Guy M.
1804 Chelsea Drive
Wilson, NC 27893

Rountree, Mr. John J.
6514 Elmhirst Drive
Falls Church, VA 22043

Rowe, Eric & Karen
4817 Blakeshire Rd.
Greensboro, NC 27406

Saffer, Mimi
Rt. 3, Box 415
Pittsboro, NC 27312

Santorum, Mr. & Mrs. Bruno
Rt. 11, Box 200
Statesville, NC 28677

Savely, Mr. Harvey
217 Live Oak St.
Beaufort, NC 28516-2238

Schaill, Mr. & Mrs. Harold A.
10 Graystone Road
Asheville, NC 28804

Schnell, Dr. Donald
Rt. 1, Box 145C
Pulaski, VA 24301

Schrader, Mr. & Mrs. Walter
733 Colonial Dr.
Rock Hill, SC 29730

Schooley, JoAnne L.
2519 Vista Drive
Huntsville, AL 35803

Schuber, Jr., Mr. John
2222 Selwyn Avenue 505
Charlotte, NC 28207

Scott, Mrs. Donna
P.O. Box 98
Fair Bluff, NC 28439

Seiler, Miss Marion
85 Maxwell Road
Glen Lennox
Chapel Hill, NC 27514

Semler, Mrs. Virginia
60 Shepherd's Creek Rd.
Robbinsville, NC 28771

Shannon, Dr. Henry A.
1102 Poplar Avenue
Garner, NC 27529

Sharp, Mrs. Jean S.
801 South Street
Ahoskie, NC 27910

Shell, Mrs. Deborah
Rt. 1, Box 206
Independence, VA 24348

Shepherd, Miss Ollie M.
5613 Wilora Lake Road
Charlotte, NC 28212

Shinn, Miss Annette
186 Hillside Ave., S.W.
Concord, NC 28025

Shinn, Jr., Mr. Thomas S.
921 Rama Rd.
Charlotte, NC 28211

Slagle, Mrs. Porter D.
4909 Highland Drive
Raleigh, NC 27612

Sledge, Mrs. Marion A.
2621 Robin Hood Dr.
Greensboro, NC 27408

Smedburg, Bing
606 Northridge St.
Greensboro, NC 27403

Smith, Miss Helen L.
201 Greensboro Rd.
Box 290
High Point, NC 27260

Smith, Jamie C.
Rt. 2, Box 78
Stoneville, NC 27048

Smith, Mr. & Mrs. John S.W.
4 Brinton Way
Elkton, MD 21921

Smith, Miss Julia D.
201 Greensboro Rd.
Box 291
High Point, NC 27260

Smith, Mrs. Margaret B.
Rt. 1, Box 638
Tyner, NC 27980

Smithson, Mrs. Maria S.
1827 Fairview Blvd.
Winston-Salem, NC 27101

Smoot, Mrs. Holmes B.
2009 Hermitage Road
Wilson, NC 27893

Sommerville, Mrs. James L.
703 Timber Lane
Asheville, NC 28804

Spencer, Dr. Lorraine B.
315 White Oak Drive
Cary, NC 27513

Srail, Mrs. Joseph M.
1818 Kenmore Circle
Statesville, NC 28677-8387

Stanislaw, Charles M.
1445 Princess Anne Dr.
Raleigh, NC 27607

Steffek, Jr., Edwin F.
3333 Alabama Ave.
Durham, NC 27705

Stein, Mrs. Irma
Rt. 5, Box 106
Pittsboro, NC 27312

Stein, Mr. & Mrs. John A.
2921 Royster St.
Raleigh, NC 27608

Stephenson, Mrs. Mary D.
"Bishops Ridge"
3 St. James Circle
Southern Pines, NC 28387

Stetler, Mr. & Mrs. John H.
5337 Unaka Ave.
Charlotte, NC 28205

Stevens, Mary
P.O. Box 796
Lillington, NC 27546

Steward, Mr. & Mrs. Grant
724 N. Peace Haven Rd.
Winston-Salem, NC 27104

Stewart, Mrs. Pearson
112 Glendale Drive
Chapel Hill, NC 27514

Stratton, Dr. Janice
5411 Cole Mill Rd.
Durham, NC 27705

Stronach, Jr., Mrs. George T.
411 Pearson Street
Wilson, NC 27893

Swab, Edward C. & Janice
1400 Athlone Pl.
Raleigh, NC 27606

Swindell, Mrs. Lewis
315 Lafayette Drive
Wilson, NC 27893

Swink, Mrs. Marion G.
McCall Farms
Effingham, SC 29541

Tanner, Mrs. Kenneth
P.O. Box 468
Rutherfordton, NC 28139

Tate, Mrs. Carolyn R.
2800 Birchwood Dr.
Winston-Salem, NC 27103

Taylor, Kelvin R.
Rt. 8, Box 284
Goldsboro, NC 27530

Test, Mr. Frederick H.
247 Country Club Road
Asheville, NC 28804

Thomas, Mrs. Louise H.
Rt. 1, Box 128
Morven, NC 28119

Thompson, Arlene Edwards
Rt. 3, Box 137-A
Advance, NC 27006-9527

Thompson, Mrs. K. C.
Rt. 3, Box 335
Tarboro, NC 27886

Thompson, Jr., Mrs. Russell A.
2203 Sulgrave Drive
Wilson, NC 27893

Thornburg, Mr. & Mrs. Robert L.
318 Thornburg Rd.
Dallas, NC 28034

Tisdale, Mrs. Josephine
1511 Walker Avenue
Greensboro, NC 27403

Tooley, Mrs. Gordon K.
Rt. 4, Rich Mt. Road
Brevard, NC 28712

Trail, Mr. & Mrs. Paris
Rt. 4, Box 268-A
Edenton, NC 27932

Trapp, Mrs. Stella
555 E. Main St.
Brevard, NC 28712

Tri-County Horticulture Club
Noreen Wall, Treas.
Rt. 3, Box 119
Bakersville, NC 28705

Tucker, Mr. & Mrs. William
4016 Ebenezer Church Rd.
Raleigh, NC 27612

Tuggle, Mr. James R.
Rt. 4, Box 315
Bassett, VA 24055

Tyndall, Dr. & Mrs. J.P.
314 Canterbury Road
Wilson, NC 27893

Underwood, III, Mrs. Harrison A.
3409 Williamsborough Ct.
Raleigh, NC 27609

Vanderheyden, Ms. Valerie A.
117 Park Avenue
Brevard, NC 28712

Wadopian, Ms. Curry
100 Windswept Lane
Asheville, NC 28801

Wadsworth, Mr. James E.
218 Wilson Ct.
Chapel Hill, NC 27516

Walker, Mrs. J. Phil
Rt. 2, Box 238
Stony Point, NC 28678

Wall, Mrs. Steve
325 Hermitage Road
Charlotte, NC 28207

Walters, Mrs. Alex H.
1009 W. Cobb Street
Durham, NC 27705

Warner, Mr. M. Stephen
Hadnot Creek Farm-Hwy 58
Swansboro, NC 28584

Warren, Mrs. J.A.
P.O. Box 885
Chapel Hill, NC 27514

Warren, Mr. & Mrs. Roger
4304 Boxwood Rd.
Raleigh, NC 27612

Watson, Jr., Mrs. John C.
104 Rob Roy Road
Southern Pines, NC 28387

Wearn, Mrs. James S.
Rt. 11, Box 350
Chapel Hill, NC 27516

Weaver, Mrs. George S.
3403 Dogwood Drive
Greensboro, NC 27403

Weis, Mr. & Mrs. Stephen
2901 Horse Shoe Farm Rd.
Wake Forest, NC 27587

Wells, Mrs. B.W.
2510 Greenway Avenue
Raleigh, NC 27608

Welshmer, Mr. & Mrs. Robert D.
15 Lanier Drive, Rt. 7
Chapel Hill, NC 27514

White, Mrs. James J.
2924 St. Andrews Lane
Charlotte, NC 28205

Whitesell, Mr. & Mrs. George
800 Rountree St. N.E.
Wilson, NC 27893

Williams, Mrs. Elizabeth M.
Rt. 1
Wingate, NC 28174

Williams, Logan
6900 Park Place
Raleigh, NC 27604

Williams, Margaret J.
N. Nevada Native Plant Soc.
Box 89507
Reno, NV 89507

Wilson, Mr. & Mrs. Dennis R.
511 Lakeside Dr.
Garner, NC 27529

Wilson, Edna
4800 University Dr., Apt. 15J
Durham, NC 27707-3473

Wooten, Mrs. Bobby G.
570 Knobview Pl.
Winston-Salem, NC 27104

Wright, Donna & Malcolm
Rt. 1, Box 386A
Zebulon, NC 27597

Wyatt, Mrs. John
311 Summertime Road
Fayetteville, NC 28303

Yager, Clara T.
233 Knollwood Dr.
Chapel Hill, NC 27514

Yandle, Ms. Ann
1102 Falls Rd.
Rock Hill, SC 29703

Yarborough, Jr., Ray
2913 Skye Dr.
Fayetteville, NC 28303

Yeaman, Ms. Alice Banks
Rt. 2, Box 423
Pittsboro, NC 27312

Yelton, Dr. Ernest H.
P.O. Box 589
Rutherfordton, NC 28139

Zala, Villa
234 Nature Trail
Farrington Rd.
Chapel Hill, NC 27514

Zielinski, Dr. Bill
5604 Plum Nearly Ct.
Raleigh, NC 27610

Zucchini, Mr. & Mrs. Vincent
Rt. 3, Box 155A
Carthage, NC 28327

— Notes —

NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY, INC.

Aims & Objectives

The North Carolina Wild Flower Preservation Society was formed in 1951 by a group of individuals appreciative of native plants throughout the state and region. The purpose of the Society is to promote enjoyment and conservation of native plants and their habitats through education, protection, and propagation.

Spring and fall meetings are held at "natural gardens" across the state. Members exchange seeds and propagated plants at these meetings. Other excursions are organized on a local basis throughout the year.

The Society Newsletter is issued twice a year with articles and illustrations by professional and amateur contributors.

The Society publishes the "N.C. Native Plant Propagation Handbook" that is available for sale at the Botanical Garden or by mail (\$5.00 postpaid).

The Society Scholarship/Grant Fund sponsors research on native plants by undergraduate and graduate students. The fund is supported by member contributions and by gifts and memorials. Applications are made to the Scholarship/Grant Fund Committee for awards in May of each year.

The Society is a nonprofit organization under North Carolina and Internal Revenue Service regulations. Donations are tax deductible.

Correspondence concerning the Society and its programs should be addressed to: North Carolina Wild Flower Preservation Society, Inc., c/o North Carolina Botanical Garden, Totten Center 3375, UNC-CH, Chapel Hill, NC 27599-3375.

MEMBERSHIP APPLICATION

ANNUAL DUES:

Individual or Family:	\$15.00
Sustaining:	\$25.00
Lifetime Membership:	\$180.00

Please send this and all address corrections to:

*North Carolina Wild Flower
Preservation Society, Inc.
Miss Nancy C. Julian
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Winston-Salem, NC 27103*

Scholarship Fund Donation: _____

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Address _____

City _____

State _____ Zip _____

*Please include your added four digit
zip number to your address in your
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North Carolina Wild Flower Preservation Society, Inc.
Totten Garden Center 3375, UNC
North Carolina Botanical Garden
Chapel Hill, North Carolina 27599-3375

Mrs. William Arbuckle
Rt. 1 Box 71
Robbinsville, NC 28771

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