Ironweed

In poverty of soil,
in death of summer,
I bloom—
decree to bloom—
And in the color of kings.

Eleanor Ross Taylor
CONTENTS

Fall Meeting

A Few Elements from North Carolina in a Pennsylvania Garden, by Josephine de Nance Henry

The Herbarium: A Modern Hortus Siccus, by Jim Massey

Ironweed, by Nancy Stronach

Letter from Dr. D. S. Correll

Minutes of Spring Meeting and of Executive Board Meeting, Summer

Morrow Mountain, by Elizabeth Lawrence

North Carolina Phenology Network, by G. R. Noggle

Operation Wildflower, by Neil Lewis

President's Message

The poem "Ironweed" on our cover is from WELCOME EUMENIDES, by Eleanor Ross Taylor; reprinted with the permission of the publisher, George Braziller, Inc., and the author. Copyright (c) 1972 by Eleanor Ross Taylor.

The drawing of the lady slipper which appeared on the cover of our Spring 1974 Newsletter and which will be used on the NCWFPS brochure is by Peggy Ann Vaughn.
PRESIDENT'S MESSAGE

Ken Moore, our Vice-President, tells me I must write a President's message. How can I put all the ideas we should talk about into one message? Here are a few ideas:

**Propagnt icn**
Let us continue to keep Tom Shinn informed of our experiences in propagating plants -- working toward the goal of a booklet of propagation of native plants in our area.

**Discovery**
Let us know about the rare plants found in your particular section of the state. Have you found one not listed in *The Vascular Flora of the Carolinas* as found in your county? Does someone know where the *Sabatia kennedyana* grows in North Carolina? I saw it on July 27th on a field trip taken with members of the New England Wild Flower Preservation Society. It is called Plymouth Sabatia here and was growing on the sandy shore of a pond in Plymouth, Massachusetts. The field trip leader said it grows in selected spots in Massachusetts, Rhode Island, North Carolina, South Carolina and Nova Scotia.

**Involvement**
Let’s get involved! -- in state projects (Botanical Gardens’ volunteer work); in your counties; in your communities and in your neighborhoods.
Visit local planning offices to find out about proposed developments. Ask permission from the developers to rescue plants before the bulldozers start work. Be sure to get written permission for removal of plants!
Encourage garden clubs to maintain wild flower areas.
Help new property owners in the identification of the wildings on their land.

**Communication**
Write me if there are spots of interest -- public or private -- which might make suitable day trips. These field trips could acquaint more of our members with outstanding areas in the coastal plain, the piedmont and the mountain sections of our state.

See you at the Fall meeting!

Jean Stewart
FALL MEETING -- COME TO THE OUTER BANKS

The fall field trip will be at Nags Head on Saturday and Sunday, October 12th and 13th. There is a vast area to cover and many interesting things to see. The Annual Meeting will be in the Holiday Inn at 7:30 p.m. on Saturday.

Ken Moore has suggested that the early arrivals drive to Buxton Saturday afternoon. Due to the nearness of the Gulf Stream, the Buxton area has a subtropical growth -- palmetto, occasional citrus trees, three types of yucca and the ever-present salt-injured live oaks are a few to be seen. For those not wishing to drive so far yet still explore the region, the south end of Roanoke Island (Wanchese) is suggested.

Visits will be made to the Nags Head Woods, which have recently been designated a Natural Landmark because the area illustrates the entire North Carolina Outer Banks sand dune transition from shifting barren sand dunes to forested stabilized dunes.

We can see the rare sea holly; also, be on the lookout for the late blooming gardenia and the salt bush.

There will be a visit to the famous Elizabethan Gardens on Roanoke Island. A few years ago, Mr. and Mrs. Herbert Smith and Mr. and Mrs. Charles Carroll started a wildflower garden in there. Nearby, at Manns Harbor are cranberry bogs.

The Holiday Inn on the ocean will be our headquarters. Take Route 64 through Manteo and go over to the beach. As you reach the beach, it becomes 158. Follow this road to milepost 9-10 and you are there. The hotel has given us special rates of $15.00 for two in a double room. When you make your reservation -- and please do so early -- state that you are with the NCWFPS, so that you will get these rates. The address is Box 308, Kill Devil Hills, N. C. 27948. The Holiday Inn will pack a fried chicken box lunch on Sunday for $2.00.

It's such a long trip, please allow enough time to see the points of interest. There is a museum on the site of the Wright Brothers' first flight and a replica of their plane. The view from the top of Jockey's Ridge is worth the climb, this being the highest sand dune in the United States. To step in to Fort Raleigh and know you are on the site of the first permanent settlement in America is thrilling.

The field trip will start Sunday morning at 9:30.

Two words of caution: bring warm clothing and do NOT pull off the road into the sand at ANY time.

Please come.
MORROW MOUNTAIN

by Elizabeth Lawrence

On the 21st of April, a day of warm sunlight and chilly breezes, I went with the Nowlins to the spring meeting at Morrow Mountain. On the way, we saw sheets of Atamasco lilies in low places along the road, and ditch banks were pink with Phlox subulata.

Morrow Mountain was called Naked Mountain after a tornado stripped the timber. Now the trees are grown back to the beginning of a climax forest, the pines are giving way to deciduous trees and the flora that goes with them. There are few flowers in the interval between spring and summer, but the woods were in tender green and the underbrush had been cleared away, leaving the wild flowers alone on the forest floor like designs on a carpet.

We were fortunate in falling in with Ken Moore on the trails, and he named the plants for us. Small clumps of Oxalis violacea were dotted along the path and along the clear stream running parallel with it. The leaves were tinged with reddish bronze, and the flowers were rose colored. Years ago, when I checked the color of flowers from a beech wood in Raleigh, they were Chinese violet, so there must be a good deal of variation. The species is scattered across the state from mountains to coast, but I never see it in nurseries or on the lists of wild flower dealers.

Ken showed us Houstonia purpurea, which I must have seen before and thought an ordinary weed, but he made me see the tiny pale pink flowers as something precious, and I shall never pass by them again. It is called the mountain bluet, and he says he always thinks of it at Houston Gorge.

I don't think I will forget the name of the reined-leaf hawkweed, Hieracium venosum, after seeing the beautifully marked reddish purple foliage, but the country people call it rattlesnake weed and believe the leaves laid immediately on a fresh wound will cure snakebite without fail. The juice is supposed to remove warts. The flowers are small yellow daisies in wide corymb on slender stems. Although it is a common weed, it is a distinguished plant when grown as a specimen.

This is also true of the neat little cinquefoil, Potentilla canadensis, in perfect scale in miniature gardens of moss and lichen covered stones. In April, the compact clumps of five-fingered leaves and solitary, golden, five-petalled flowers are not at all like the sprawling, coarse plants that perhaps they turned into later.
IRONWEED (Vernonia)

As summer ends, the sun-loving composites come into their glory. The asters, goldenrods, boneset, Joe-Pye weed and ironweed are in bloom now along the roadsides. Their bright color is a compliment to the pageantry beginning in the tree tops.

Ironweed is not held in great favor by everyone, but I find it a beautiful plant. The bright purple flowers are made up of many flower heads in a loose terminal cluster. Often the Vernonia noveboracensis is mistaken for an aster, but on examination these flower heads are found to be tubular in shape, not strap-shaped as the aster. The leaves are alternate, lance-shaped, up to ten inches long and dark green in color. Noveboracensis means "pertaining to New York." This is the best known of the species, and it grows in moist ground and along stream banks. It is a native generally of the southeastern United States; however, the V. augustifolia is more common with us in the Coastal Plain. This is found in sandy woods and pine lands.

A large clump has volunteered by my garage, and it is almost 14 feet tall at this writing. Each fall it is used in a tall blue Chinese vase for the "new-comers" tea at our church, and it never fails to get comment.

The plant was named for William Vernon, an English botanist, who travelled in this country in the first of the eighteenth century.

Nancy Stronach
The fact that plants respond to climatic factors has been recognized for many years. Farmers in particular are aware that seeds should be planted at specific times of the year. Where I grew up in Ohio, farmers planted corn when the new leaves of the oak tree were the size of squirrel ears. This is sound practice, because oak trees are very sensitive to soil temperature and the plants do not begin to put out new leaves until the soil warms up. Corn will not germinate in cold soil. You probably are familiar with other observations of a similar nature.

Plants can be observed year after year and the dates recorded of specific events in the life cycle, such as leaf bud opening, flower bud appearance, opening of flower buds, fruit development, etc. These events can be correlated with environmental factors such as daylength, temperature, rainfall, and solar radiation. The plants serve as meteorological instruments in integrating the interactions between the environment as displayed by the appearance of definite stages in growth and development.
In North Carolina, we established in 1972 a phenology network as part of a U. S. Department of Agriculture Regional Project, involving 26 states and five provinces in Canada. The area extends from North Dakota and Oklahoma in the west to Maine and North Carolina in the east, plus the eastern provinces of Canada. A total of 700 sites are in this area.

At most of the sites, a cultivar of lilac, Syringa persica cv. Red Rothomagensis, has been planted. However, lilac does not grow well and regularly flower south of West Virginia in the eastern United States. A cultivar of bush honeysuckle, Lonicera Korolkowii cv. Zabelii, also is being planted at many locations. In North Carolina we have planted both lilac and honeysuckle, but the lilacs do not grow well. The common purple lilac, Syringa vulgaris, grows in many parts of North Carolina; it might be used for phenological purposes.

Twenty phenology sites have been established in North Carolina. About half are located at branch Agricultural Experiment Stations, while the others are maintained by cooperators at their homes. I am interested in expanding the network and would like to invite members of the North Carolina Wild Flower Preservation Society to participate in the project. I will supply plants (honeysuckle and/or lilac) and instructions. If you have an established purple lilac plant, it can be used -- let me know if you have one. Contact me at the Department of Botany, North Carolina State University, Raleigh 27607.
A FEW ELEMENTS FROM NORTH CAROLINA
IN A PENNSYLVANIA GARDEN

by Josephine de Nance Henry, Henry Foundation for Botanical Research, Gladwyne, Pennsylvania

The Association of the Henry Foundation for Botanical Research with the State of North Carolina is a very long one. When my mother was a child, about the year 1894, she ordered a pink violet from the nursery then operated by Harlan P. Kelsey in Ashford. Her interest in the wonderful world of plants had already begun. She and her sister spent part of their summers at the family's country place where my mother was born, and there they each had a small garden which they tended themselves. The little gardens were oases of green and flowers in the midst of acres of lawn. I well remember these gardens and the pretty little rustic summerhouses my grandmother had built for each of them. My mother wished to have a little waterlily, so her area had a tub sunk into the earth, and in summer there was almost always a fragrant white blossom floating upon the still, sheltered surface. Another tiny resident was the above-mentioned pink violet. It is still in our collection, in spite of the fact that we have repeatedly "lost" it. Certainly, the cleistogamous seeds so characteristic of violets have enabled it to remain among us for some eighty years.

To go on, there are other creatures from your state which have greatly added to the beauty and interest of the Henry Foundation. It happens that the
largest, the trees, are the ones which contribute the most to the scene, the Halesias. The first of this genus came from the nursery mentioned above, which E. C. Robbins continued. This was H. monticola, an ethereal white beauty each spring with the myriads of large white bells strung along the branches.

A short time later, my mother took to the road to collect plants she desired and was unable to buy because few nurseries carried native material. She was immediately selective and sought only superior forms from the very beginning. In fact, she continued to be so selective that Dr. Carroll E. Wood, Jr. of the Arnold Arboretum says that it is difficult to describe some of her "finds" since so many differ from the typical. North Carolina yielded a "brownish" Halesia from a remote situation in the mountains and also seed from a wonderful bright pink. One of these seedlings is the finest pink I have ever seen, and this we are propagating. The very first will be sent to the young Botanical Garden at the University of North Carolina.

Viburnums have given us beauty of a quieter sort. A few fine stout shrubs of V. rufidulum provide handsome rich green, leafy backgrounds for smaller shrubs. I did not know which species this was until Dr. Totten showed me some one autumn day in 1972 in his own garden. It looks as if it should retain the fine leaves throughout the year, but it does not.
One of the most truly elegant little shrubs is *Leiophyllum buxifolium*, a beauty which would be the envy of any bonsai enthusiast. Our oldest came here from Mr. Robbins’ nursery prior to 1940, and in the meantime has grown to magnificent small proportions in our rock garden. The last two plants my mother collected were two of these, one almost a pure albino and the other a deep pink from near Wilmington. These little gems vary considerably and, whether they flower or not, they are wonderful shrublets of dark lively green with the advantage that they will never overrun their situation. They make slow and orderly progress and are particularly desirable for a rock garden or in the full sun at the front of a shrub border, provided they are given a light, acid, well-drained soil. A few forms are now available in the trade, so the present day gardener has a choice.

Indeed, one of the most beautiful trees native to our United States is the *Gordonia lasianthus*. We have turned to your state for a hardy form, and my mother had two established for a period of five or six years. The hemlocks planted to shelter them from the north wintry winds overtook the Gordonias, and it seems that their drip provided too lethal a dose. Another effort is in the offing to try again for a more continued success.

The lovely *Stewartia pentagna var. grandiflora* was a thing of great beauty here against the house for a number of years, but my mother had it removed because it gave too much shade and was too
large for the spot. This is, to me, the loveliest of
the Stewartias, due in great part to the full boss of
deep, rich, glistening purple stamens tipped with
yellow pollen. Now I am eager to get another to
take its place in a chosen spot with more space in
which to better display the efforts made by this lovely
thing.

These are only a meagre sampling of some of
North Carolina's plant world transferred to a more
northerly state.

O suns and skies and clouds of June,
And flowers of June together,
Ye cannot rival for one hour
October's bright blue weather.

Helen Hunt Jackson
On March 2, 1974, the Department of Transportation's Federal Highway Administration (FHWA) announced "Operation Wildflower," a program aimed at the beautification of all of the federal-aid highways across our nation.

This cooperative program is to be carried out by the FHWA, the National Council of State Garden Clubs, Inc., and the state highway departments. Factors involved in the selection of species would include their appropriateness to the area, whether they were indigenous to the locale, and their ability to adapt to the climate and environment.

Norbert T. Tiemann, Federal Highway administrator, emphasized in announcing the agreement that the program was a further effort in the FHWA's continuing program for highway beautification and environmental enhancement.

Planting will be done by the state highway departments, with the cost coming from federal aid and state highway funds. Seeds and plants are to be furnished by the various garden clubs, other interested organizations, or by individuals.

J. A. Saunders, head of landscape for the North Carolina Department of Highways, says that his department is very much interested in this program and is slowly, within limited funds, making some progress. He expresses appreciation to Dr. Ritchie Bell and William L. Hunt, both with the Botanical Garden at Chapel Hill, for their help and interest in the project thus far.

Perhaps no other group can be as instrumental in the success of Operation Wildflower as the NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY, INC.. Backed by knowledge of our native flora, we have ready access to seeds of wild flowers during their varied harvest times.

Seeds should be gathered at full maturity, and in ample quantities, properly labeled and mailed to: J. A. Saunders, Head of Landscape, Department of Transportation and Highway Safety, Raleigh, N. C. 27611.

Aside from the aesthetic value of a successful Operation Wildflower, it will aid nature in restoring some of the waste of man's progress. And it has been estimated that North Carolina is second only to California in its abundance of native wildflowers. What better way is there for the motorist to enjoy this wealth than to have it displayed along our miles of highways!
## NORTH CAROLINA WILD FLOWER PRESERVATION SOCIETY, INC.

**MEMBERSHIP, 1974 - 1975**

| Name                  | Address 1                                      | City, State, ZIP  |
|-----------------------|------------------------------------------------|
| Adams, Mrs. J. A.     | 1613 Ambleside Drive                           | Raleigh, NC 27605 |
| Allen, Mr. & Mrs. O.G.| 1406 Oldtown Road                              | Winston-Salem, NC 27106 |
| Allen, Mrs. Helen     | Botany Department                              | Raleigh, NC 27607 |
| Alexandra, Mrs. Ruth  | 820 River Oaks Lane                            | Charlotte, NC 28211 |
| Apple, Mr. Dwight     | 1210 Edgewood Ave.                            | Burlington, NC 27215 |
| Appleberry, Mrs. Cecil| 127 Lake Forest Pkwy.                         | Wilmington, NC 28401 |
| Austin, Mr. John W.   | 500 Lindale Drive                              | High Point, NC 27260 |
| Baker, Mrs. Millie    | 714 Churchill Drive                            | Chapel Hill, NC 27514 |
| Baker, Mrs. Bernice   | Rt. 4, Box 314                                 | Hendersonville, NC 28739 |
| Balfour, Mrs. M. C.   | III Morgan Creek Rd.                           | Chapel Hill, NC 27514 |
| Ballard, Mrs. R. J.   | 705 Fifth Ave.                                 | Greensboro, NC 27405 |
| Barber, Dr. John F.   | 304 Doctors Bldg.                              | Asheville, NC 28801 |
| Barnes, Mrs. G. T.    | 1506 Kenan Street                              | Wilson, NC 28783 |
| Barringer, Miss Hattie| 1701 Springdale Ave.                          | Chapel Hill, NC 27514 |
| Batson, Mr. Wade T.   | 1200 Blake Drive                               | Cayce, S. C. 29023 |
| Baylin, Mrs. Sarah H. | 8535 Wrightwood Ave.                          | Durham, NC 27705 |
| Beattie, Mr. W. W.    | 1928 Park Road                                 | Charlotte, NC 28203 |
| Bell, Mrs. Velma      | 602 Lingview Street                            | Greensboro, NC 27403 |
| Bell, Mrs. W. H.      | 140 Hamilton Road                              | Chapel Hill, NC 27514 |
| Bell, Dr. C. R.       | Dept. of Botany                                | Chapel Hill, NC 27514 |
| Blakely, Miss F.      | Reference Dept.                                | Durham, NC 27708 |
| Blanton, Mrs. C. D.   | 409 West Gold Street                           | Kings Mountain, NC 28085 |
| Bless, Mrs. Paul W.   | 400 Thornwood Drive                            | Chapel Hill, NC 27514 |
| Borden, Mrs. A. G.    | 1936 Parker Lane                               | Henderson, NC 27536 |
| Bosse, Mr. R. D.      | P. O. Box 502                                  | Brevard, NC 28712 |
| Bost, Miss Frances    | Rt. 2, Ridgewood Drive                         | Chapel Hill, NC 27514 |
| Boyd, Mrs. T. J.      | Rt. 10, P. O. Box 250                          | Winston-Salem, NC 27107 |
| Boyer, Mr. Hugh M.    | 824 Seventh St. N.W.                          | Hickory, NC 28601 |
| Braswell, Mrs. M., Jr.| 2128 Hassell Place                             | Charlotte, NC 28209 |
| Braxton, Mrs. Katie L.| Rt. 2, Box 356                                 | Graham, NC 27253 |
Braxton, Mr. & Mrs. W. B.  
211 Braxton Lane  
Greensboro, NC 27408

Brayton, Mr. & Mrs. H. P.  
12 Davie Circle  
Chapel Hill, NC 27514

Brown, Mr. W. J.  
1714 Ponce de Leon Ave.  
Atlanta, Ga. 30307

Burgess, Miss T. R.  
Morgan Creek Road  
Chapel Hill, NC 27514

Burwell, Mrs. W. H.  
316 Garrett Street  
Henderson, NC 27536

Butler, Mr. & Mrs. L.  
1212 Valmont Drive  
Hendersonville, NC 28739

Butler, Mr. Gordon  
Butler's Nursery  
Rt. 7  
Fayetteville, NC 28306

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

Bynum, Mrs. R. A.  
Shantonsburg, NC 27683

Camezind, Mrs. E. F.  
Rt. 3, Box 324  
Brevard, NC 28712

Campbell, Mrs. C. W.  
7727 Rolling Road  
Louisville, Ky. 40207

Carroll, Miss Beatrice  
2824 Manokin Walk  
Falls Church, Va. 22042

Carter, Mrs. Leonard  
Route One  
Liberty, NC 27298

Casen, Mr. & Mrs. D. A., Jr.  
Rt. 6, Box 229  
Greensboro, NC 27405

Causey, Miss Edith  
Rt. 3  
Liberty, NC 27299

Chaplin, Mrs. Paul  
47 Macon Avenue  
Asheville, NC 28801

Charles, Mrs. Rachel  
1348 Pamlico Drive  
Greensboro, NC 27408

Chrisman, Miss Mary  
4243 Princeton Ave.  
Greensboro, NC 27407

Clark, Dr. & Mrs. B. T.  
608 Raleigh Road  
Wilson, NC 27893

Clipperd, Mrs. J. H.  
6221 Park Road  
Charlotte, NC 28210

Coffey, Dr. Janice D.  
2131 Selwyn Ave.  
Charlotte, NC 28207

Cole, Mr. & Mrs. F.  
615 Airport Road  
Chapel Hill, NC 27514

Cole, Mrs. Catherine R.  
1515 Lynway Drive  
Charlotte, NC 28203

Coleman, Miss Kathleen  
Blair, S. C. 29015

Coleman, Miss Mary B.  
Blair, S. C. 29015

Connor, Mrs. R. W.  
1305 Emerywood Drive  
High Point, NC 27262

Cooke, Mrs. Bruce  
401 Watts Street  
Durham, NC 27701

Covington, Miss Lena  
2739 Sevier Street  
Durham, NC 27705

Cowen, Miss Essie Mae  
414 Armfield Street  
Statesville, NC 28677

Cowler, Mrs. Elsie P.  
3136 Iveydale Drive  
Charlotte, NC 28212

Cozart, Mrs. Sydnea M.  
900 West Nash Street  
Wilson, NC 27893

Cozart, Mrs. W. T.  
313 Lafayette Drive  
Wilson, NC 27893

Craft, Dr. W. H.  
1000 Dover Road  
Greensboro, NC

Crater, Mrs. M. J.  
Rt. 2  
Clemmons, NC 27012

Crawford, Mr. & Mrs. Robert H.  
3801 Bonwood Drive  
Charlotte, NC 28211
Goodwin, Mrs. Priscilla
2428 Darumouth Drive
Fayetteville, NC 28304

Goforth, Mrs. Ralph
Olin, NC 28600

Graham, Mr. Douglas
10 S. Rountree Street
Wilson, NC 27893

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

Green, Dr. & Mrs. Paul
Old Lystra Road
Chapel Hill, NC 27514

Griffith, Miss Pauline
Rt. 4, Box 477
Charlotte, NC 28208

Grimm, Mr. & Mrs. W. C.
15 Strawberry Drive
Greenville, SC 29609

Grassia, Mr. & Mrs. C. C.
1926 Buena Vista Road
Winston-Salem, NC 27104

Harmon, Mrs. Ethel
Rt. 5
Saluda, NC 29138

Harrison, Miss Evelyn
2739 Sevier Street
Durham, NC 27705

Harrell, Mr. & Mrs. A. N.
Rt. 2, Box 722
McLeansville, NC 27301

Harper, Mrs. Francis
311 McCauley Street
Chapel Hill, NC 27514

Harper, Miss Margaret
P. O. Box 673
Lenoir, NC 28645

Hatcher, Mr. & Mrs. E. A.
408 E. Farris Ave.
High Point, NC 27262

Haworth, Mrs. C. C.
P. O. Box 1581
High Point, NC 27261

Heath, Miss Rowena
1608 E. Franklin St.
Chapel Hill, NC 27514

Hechenbleikner, Dr. &
Mrs. Herbert
1701 Wensley Drive
Charlotte, NC 28210

Hodgepeth, Mrs. L. L.
25 Flemington Road
Chapel Hill, NC 27514

Helms, Mrs. Worth
311 Queens Road
Charlotte, NC 28201

Henderson, Mr. & Mrs. Lia
P. O. Box 146
Elkin, NC 28621

Henry, Mrs. James
311 DeSailly Ave.
Durham, NC 27704

Henry, Miss Josephine de N.
Henry Foundation for Botanical Research
Gladwyne, PA 19035

Herring, Mrs. W. B.
210 Beverly Place
Greensboro, NC 27403

Hickey, Mr. & Mrs. Damon
74 Maxwell Road
Chapel Hill, NC 27514

Higgins, Mrs. J. S.
921 Woodbrook Drive
Guilford College, NC
27410

Hillmer, Miss Nancy
N. C. Botanical Garden
Laurel Hill Extension
Chapel Hill, NC 27514

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

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

Hodgin, Mrs. W. W.
308 Farris Ave., W.
High Point, NC 27262

Holke, Mrs. H. A.
P. O. Box 445
Conover, NC 28613

Holmes, Mrs. E. B.
Rt. 1, Box 3-C
Pittsboro, NC 27312

Holsinger, Mr. & Mrs. J. T.
2101 Malvern Road
Charlotte, NC 28207

Hopkins, Mr. & Mrs. E. H.
1520 Pinecrest Road
Durham, NC 27705

Howard, Mrs. N. F.
P. O. Box 341
Tarboro, NC 27886

Hubbard, Mrs. C. S.
2000 Cedar Street
Durham, NC 27707

Hughes, Mr. & Mrs. C. G.
1250 5th St., N.E.
Hickory, NC 28601

Hunt, Mr. W. L.
Kings Hill Road
Chapel Hill, NC 27514
Ivey, Mrs. J. W.
222 Woodrow Ave.
High Point, NC 27262

Jackson, Mrs. Phil.
402 Walnut St.
Chapel Hill, NC 27514

Jackson, Mrs. J. L.
902 Park Drive
Asheboro, NC 27203

James, Prof. C. H.
101 Markwood Lane
Lexington, NC 27292

Jacob, Mrs. E. P.
808 Westchester Dr.
High Point, NC 27260

Jenkins, Mrs. F. P.
1 Norfleet Court
Tarboro, NC 27886

Johnson, Mrs. Edward
1306 Wildwood Drive
Chapel Hill, NC 27514

Jones, Mrs. W. B.
Rt. 1, Box 217
Richfield, NC 28137

Joyner, Miss Beverlie
210 Old Mill Road
Rocks Spring, NC 27801

Joyner, Mrs. W. B.
401 Whitehead Circle
Chapel Hill, NC 27514

Julian, Miss Nancy C.
1333 Gaston Street
Winston-Salem, NC 27103

Justice, Dr. W. S.
14 White Oak Road
Asheville, NC 28803

King, Mrs. R. W.
2154 Morton Road
Charlotte, NC 28207

King, Miss Virginia
11 Cedarcliff Rd., 3, F.
Asheville, NC 28803

Killingbeck, Mrs. W. B.
3153 Cheryl Drive
Hendersonville, NC 28739

Kivett, Miss Gladys
210 Nutwood Circle
High Point, NC 27262

Kleitzen, Mr. & Mrs. H.
1804 Colonial Ave.
Greensboro, NC 27408

Knight, Mrs. G. K.
1303 Forest Park Drive
Statesville, NC 28677

Knobeloch, Mrs. Sheila
121 Larkspar Circle
Durham, NC 27707

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

Knox, Miss Marjorie
127 Kenwood
Winston-Salem, NC 27103

Koral, Mrs. Sylvia
71 Hillview Street
Carrboro, NC 27510

Lambert, Miss Pattie
108 Arlington Terrace
Rocks Spring, NC 27801

Lamm, Mrs. W. T., Jr.
903 Raleigh Road
Wilson, NC 27895

Lawrence, Miss Elizabeth
348 Ridgewood Ave.
Charlotte, NC 28209

Leonard, Mr. S. W.
Rt. 4, Box 67
Lexington, NC

Lindley, Mrs. C. C.
Route 3
Chapel Hill, NC 27514

Lewis, Mrs. Gregory
708 Greenwood Drive
Greensboro, NC 27410

Loka, Mrs. Frank
963 Grove Street
Chapel Hill, NC 27514

Logan, Mrs. Frances
7th Street
Rutherfordton, NC 28139

Logan, Miss Mary
121 Logan Avenue
Asheville, NC 28805

Long, Mrs. W. R.
711 Raleigh Road
Wilson, NC 27895

Long, Miss Margaret
308 Hanover Arms
Winston-Salem, NC 27104

Long, Miss Mariana
2733 Sevier Street
Durham, NC 27705

Longest, Mrs. E. C.
4618 Yadkin Road
Fayetteville, NC 28303

Loseke, Mrs. Beverlie
3317 Churchill Road
Raleigh, NC 27606

Lucas, Mrs. W. A.
1407 Nash Street
Wilson, NC 27893

Lucey, Dr. & Mrs. J. D.
2904 Herring Blvd.
Durham, NC 27704

Lumpkin, Miss Mary
Winyah Academy
Georgetown, S. C. 29440
Marshall, Mrs. W. H.
707 E. Franklin St.
Chapel Hill, NC 27514

Mardian, Mrs. Aram
6431 Palo Cristi Road
Paradise Valley, Ariz. 85253

Marrow, Mr. E. H.
210 Cromwell Ave.
Tarboro, NC 27886

Meyers, Dr. & Mrs. J. R.
16 White Oak Trail
Chapel Hill, NC 27514

Mattock, Mr. & Mrs. J.
P. O. Box 2062
High Point, NC 27261

Mayer, Dr. & Mrs. W. B.
2828 St. Andrews Lane
Charlotte, NC 28025

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

Menius, Mrs. R. W.
853 Oakmont Drive
Asheboro, NC 27203

Merriman, Mrs. W. W.
2834 Exler Circle
Raleigh, NC 27608

Miles, Mrs. H. H.
7 Stratford Road
Asheville, NC 28804

Miller, Ms Carol
Arborcumb Drive
Chapel Hill, NC 27514

Miller, Dr. & Mrs. A. T., Jr.
804 Old Mill Road
Chapel Hill, NC 27514

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

Mitchell, Mrs. C. S.
P. O. Box 66
Spring Hope, NC 27882

Moore, Mr. & Mrs. Ken
P. O. Box 31
Chapel Hill, NC 27514

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

Moore, Mr. & Mrs. R. F.
708 Maple Avenue
Burlington, NC 27215

Moore, Mr. & Mrs. W. J. H.
Rt. 3, Box 377
Waynesville, NC 28786

Mosley, Miss Laura M.
3761 Milhaven Road
Winston-Salem, NC 27106

Moyer, Dr. & Mrs. W. B.
2828 St. Andrews Lane
Charlotte, NC 28025

Mulcahy, Mr. & Mrs. T. C.
Rt. 1, Box 288
Hendersonville, NC 28739

Mulvey, Ms Catherine
1645 Sutton Drive
Raleigh, NC

Mundof, Dr. George
3919 Abingdon Road
Charlotte, NC 28211

Murphey, Mrs. Merle
3099 L. J. Drive N. W.
Columbia, Mo. 65201

Murray, Mrs. Lee
304 Delgfield Ave.
Durham, NC 27704

Musgrave, Mrs. R. N.
2016 Roanoke Drive
Greensboro, NC 27408

Myers, Miss Helen E.
310 Beall Street
Lenoir, NC 28645

MacIntyre, Mrs. A. B.
900 Stagecoach Road
Chapel Hill, NC 27514

McBride, Mrs. R. E.
Rt. 8, Box 326
Fayetteville, NC 28301

McConnell, Dr. & Mrs. O.
2808 Butler Street
Durham, NC 27705

McCracken, Mrs. C. H.
644 New Haw Creek Rd.
Asheville, NC 28805

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

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

McLaurin, Mr. & Mrs. J. L.
Rt. 1
Bath, NC 27810

McPherson, Mrs. Adele F.
Rt. 1, Box 75
Graham, NC 27243

Nance, Mrs. Ray
701 Summit Avenue
High Point, NC 27260

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

Nicholson, Mrs. R. C., Jr.
5520 Sherwood Drive
Raleigh, NC 27609
Newlin, Mrs. Preston
1868 Maryland Ave.
Charlotte, NC

Newport, Mrs. Phyllis
530 Fenimore Street
Winston-Salem, NC 27103

Nichols, Mr. R. A.
50 Windsor Road
Asheville, NC 28804

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

Noggle, Dr. & Mrs. G. R.
2346 Churchill Road
Raleigh, NC 27608

Noonan, Mrs. W. A.
1222 Maiden Lane
Reidsville, NC 27320

North Carolina Room
UNC Library
Chapel Hill, NC 27514

Ogden, Mr. D. R.
175 Lakewood Drive
Asheville, NC 28803

Oglukian, Mrs. R. L.
460 Oglukian Road
Charlotte, NC 28211

Osborne, Mr. C. K.
5527 Murrayhill Rd.
Charlotte, NC 28210

Osborne, Mr. & Mrs. F. E.
P. O. Box 260
Wake Forest, NC 27587

Ormand, Mrs. J. W.
P. O. Box 568
Monroe, NC 28110

Parker, Miss Lockie
330 N. Ridge St.
Southern Pines, NC 28387

Patterson, Mrs. F. McL.
281 E. Chestnut St.
Asheville, NC 28801

Payne, Mrs. Paul
130 Wilkins Drive
Durham, NC

Pearman, Mrs. Gladys O.
Rt. 4, Box 155
Reidsville, NC 27320

Pegg, Mrs. Carl
32 Mt. Belus Rd.
Chapel Hill, NC 27514

Penfound, Mr. & Mrs. W. T.
Warren Wilson College
Swannanoa, NC 28778

Peeler, Mrs. J. S.
Rt. 6, Box 96
Chapel Hill, NC 27514

Perry, Mrs. H. S.
2302 Cranford Road
Durham, NC 27706

Perryman, Miss Anna
11 Walnut Street
Winston-Salem, NC 27101

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

Pickett, Mr. & Mrs. John
35 Jefferson Apts.
116 E. Chestnut
Asheville, NC 28801

Pope, Miss Bessie
P. O. Box 1284
High Point, NC 27261

Pyne, Mr. & Mrs. G. W.
505 Vickers Avenue
Durham, NC 27701

Ramsey, Mrs. Hiden
28 Edgemont Road - 10
Asheville, NC 28801

Rankin, Mr. Henry, Jr.
505 Valley Road
Fayetteville, NC 28305

Reeve, Mr. T. B.
Rt. I, Sherwood Forest
Brevard, NC 28712

Rees, Mr. Joe C.
Pleasant Green Road
Durham, NC 27705

Rich, Miss Cleota
845 S. Cox Street
Asheboro, NC 27203

Ripperton, Dr. & Mrs.
L. A.
Rt. 2, Whitefield Road
Chapel Hill, NC 27514

Roberts, Mrs. W. D.
Rt. 4, Box 303-A
Hendersonville, NC
28739

Ross, Mrs. Guy M.
P. O. Box 505
Pleasant Garden, NC
27313

Roseman, Mr. & Mrs. A. M.
Grand Court
Winston-Salem, NC 27104

Ruffin, Mrs. P. B.
753 Forest Hill Drive
Wilmington, NC 28401

Samuels, Mrs. R. E.
Rt. 2, Box 152
Lake Toxaway, NC 28747

Sampson, Miss Virginia
1423 Lilac Road
Charlotte, NC 28209

20
Sanders, Mrs. Dollie
Coolidge Street
Chapel Hill, NC 27514

Schilden, Mrs. L. E.
715 Churchill Drive
Chapel Hill, NC 27514

Schnell, Mr. Donald
Rt. 4, Box 275-B
Statesville, NC 28677

Scott, Mrs. Donald
Country Club Drive
Southern Pines, NC 28387

Selcer, Mrs. Marion
85 Maxwell Road
Chapel Hill, NC 27514

Shannon, Dr. H. A.
1102 Poplar Ave.
Garner, NC 27529

Sharer, Mrs. C. B.
4312 Whisperwill Dr.
Greensboro, NC 27407

Shearin, Mr. A. E.
201 Hunter Hill Rd.
Rocky Mt., NC 27801

Shenefelt, Mrs. W. B.
708 Biltmore Garden Apts.
Asheville, NC 28803

Sloan, Mrs. W. L.
212 W. Univ. Drive
Chapel Hill, NC 27514

Skepprett, Mr. & Mrs. J. D.
1620 Thorncliff Road
Winston-Salem, NC

Smith, Mrs. J. W.
Rt. 1, Box 494
Oak Ridge, NC 27310

Smith, Mr. & Mrs. Carl
408 Westwood Drive
Chapel Hill, NC 27514

Smith, Mr. & Mrs. H. P.
Rt. 2, Smithwin Farm
Liberty, NC 27298

Smith, Mrs. Lucy O.
Rt. 4, Box 155
Reidsville, NC 27320

Smithson, Mr. Grant
315 Craig, UNC
Chapel Hill, NC 27514

Surratt, Mrs. J. F.
Rt. 1
Julian, NC 28743

Spencer, Dr. Loraine
104 Batchelor Drive
Greensboro, NC

Spencer, Mrs. Paul
511 Greensboro Road
High Point, NC 27260

Spurgeon, Miss Carrie
4812 Six Forks Road
Raleigh, NC 27609

Spurgeon, Miss Mary
301 Hillsborough Street
Chapel Hill, NC 27514

Spurgeon, Miss Flora
4812 Six Forks Road
Raleigh, NC 27609

Stafford, Mrs. E. E.
1723 Virginia Road
Winston-Salem, NC 27104

Stalling, Mrs. W. B.
P. O. Box 351
Boone, NC 28607

Stehman, Dr. & Mrs. C. J.
1120 Sourwood Drive
Chapel Hill, NC 27514

Stephens, Dr. George
P. O. Box 5655
Asheville, NC 28803

Steele, Mrs. F. F.
P. O. Box 1081
Tryon, NC 28782

Stewart, Mrs. Pearson
6 Silver Pines
Wilson, NC 27893

Stronach, Mrs. C. T.
P. O. Box 1058
Wilson, NC 27893

Stronach, Mrs. C. T. III
205 Trinity Drive
Wilson, NC 27893

Stronach, Mrs. Sam C.
403 Trinity Drive
Wilson, NC 27893
Stroup, Mrs. V. S.
101 Chatham Road
Asheville, NC 28804

Stuart, Mrs. C. E.
2204 Woodrow Street
Durham, NC 27705

Sweezy, Miss Nancy
Jugtown Pottery
Seagrove, NC 27341

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

Thatcher, Dr. & Mrs.
H. C.
Rt. 1, Box 517
Raleigh, NC 27609

Thompson, Mrs. K. C., Jr.
805 Main Street
Tarboro, NC 27888

Thompson, Mr. & Mrs.
Travis
P. O. Box 12
Stantonsburg, NC 27883

Trollinger, Mrs. C. D.
3809 W. Market St.
Greensboro, NC 27407

Tucker, Mrs. Edith
220 Cedar Street
Mooresville, NC 28115

Tyack, Mr. & Mrs. L. C.
P. O. Box 43
Glendale Springs, NC 28629

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

Tyson, Mrs. George
Rt. 7, Box 239-B
Fayetteville, NC 28306

Underwood, Mrs. H. A.
1710 Canterbury Road
Raleigh, NC 27608

Underwood, Mrs. Louis
612 Yorktown Drive
Chapel Hill, NC 27514

Upchurch, Mr. Harold
Rt. 1, Box 273-B
Hillsborough, NC 27278

Vaughn, Mrs. Roland, Jr.
2105 West Nash Street
Wilson, NC 27893

Vaughn, Mrs. Walter
219 Park View Drive
Brevard, NC 28712

Vos, Miss Helen
2232 Parkway Drive
Winston-Salem, NC 27106

Wadsworth, Mr. J. E.
Wilson Court
Chapel Hill, NC 27514

Wadewitz, Dr. Martin
P. O. Box 3116
Asheville, NC 28804

Wagoner, Mrs. Dean, Jr.
706 Fifth Avenue
Greensboro, NC 27405

Wagoner, Miss Annie
1520 Cardinal Place
Greensboro, NC 27409

Wagstaff, Mrs. T. C.
224 Hayes Road
Chapel Hill, NC 27514

Walker, Mr. & Mrs.
Albert
403 Elliott Road
Chapel Hill, NC 27514

Walker, Mr. & Mrs. C. R.
101 Spruce Street
Thomasville, NC 27360

Walker, Mr. Nathaniel
632 Knollwood Drive
Thomasville, NC 27360

Walker, Mrs. Nathaniel
101 Spruce Street
Thomasville, NC 27360

Wall, Mrs. Steve
Box 693
Whiteville, NC 28472

Welsh, Mrs. Annie L.
208 Vine Street
Statesville, NC 28677

Walters, Mrs. A. H.
1009 West Covv Street
Durham, NC 27705

Warren, Dr. & Mrs. A. J.
424 Regency Drive
Chapel Hill, NC 27514

Warren, Mrs. J. A.
301 Hillsborough Street
Chapel Hill, NC 27514

Warlick, Mrs. C. E.
P. O. Box 552
Kings Mountain, NC 28086

Webb, Mr. Doug
1603 E. Franklin St.
Chapel Hill, NC 27514

Wearn, Mrs. J. S.
Rt. 3, Box 516
Chapel Hill, NC 27514

Weaver, Mrs. G. S.
3405 Dogwood Drive
Greensboro, NC 27403
Membership in the NCWFPS is $2.00 per year.

Membership chairman is:

Mrs. Ray Nance
701 Summit Avenue
High Point, N. C. 27260

The annual meeting of the Society for the Preservation of the Eno River Valley will be held on the afternoon of Sunday, October 27th, at the Pleasant Green Community Center in Orange County, about eight miles west of Durham. Members of the NCWFPS are cordially invited to attend.
An herbarium is simply a collection of plant specimens which have been pressed and dried under pressure to preserve them for reference and scientific study. "It represents a sampling of the abundant plant life of the out-of-doors brought inside and made conveniently accessible for study at any time of the year." (L. H. Shinners, The Mustang, Nov. 1955, p. 15). The specimens, for convenience, are usually mounted and arranged in sequence according to some classification system.

The term herbarium was first used for books on medicinal plants, and what is presently called an herbarium was referred to as a hortus siccus (dry garden) or hortus mortus. It was Joseph Pitton de Tournefort, commonly known as the father of the modern genus concept, who equated herbarium and hortus siccus, a use also taken up and spread by Linnaeus, the father to taxonomic botany and zoology.

The art of herbarium-making apparently began in the 1500's in Italy and is attributed to Luca Ghini (1490?-1556). This art was disseminated over Europe by Ghini's students, and several herbaria dating to the 1530's are extant today. It is indeed fortunate for systematic botany that herbarium-making became an established practice so early in the science's history. Botanists of today need not depend solely on
Drawing prepared by UNC graduate student David Boufford
the meager and often difficult-to-obtain literature of the founding fathers, but may examine the specimens these early workers had at their disposal.

An herbarium is a special kind of museum but it may also be regarded as a data bank with vast quantities of raw data. Each specimen has information content about the vegetation of an area, a population, and the taxon to which it belongs, and it is treated as an historical and scientific document which is useful to a variety of people and which may be of even more value in the future as "progress" marches on, claiming more and more of our vegetation.

Today, herbaria range from small personal collections to large collections at colleges, universities, private foundations, and governmental agencies involving millions of specimens. The herbarium, with its more than 400-year history, has become an institution. Today one associates the term herbarium not only with the preserved plant specimens serving as a basic reference source of the taxonomist, but also as a center for research, teaching and public information.

Although the goals of many herbaria differ in the plant groups sought or geographic area of specialization, all hold collections in trust for present and future users. The collections are the result of many hours of labor of dedicated amateurs and professional botanists who have chosen to preserve and document their findings for posterity.
Each pressed specimen should be accompanied by a label indicating the collector, date of collection, locality, habitat and additional field notes such as plant habit, flower color, odor, population size, etc.

As the science of botany has become more sophisticated with the advent of new techniques, the herbarium has remained a center facility with specimens used not only in traditional ways but for studies in disciplines which were perhaps never even dreamed of at the time collections were made and herbaria organized. The collection and preservation of herbarium specimens, recording what plants have been found and when and where, is still a valuable and scientifically significant, as well as enjoyable, pastime.

TOTTEN YARD AND GARDEN TO BE RESTORED -

The Totten House at 110 Laurel Hill Road, a generous bequest to the Botanical Garden Foundation last spring, has been sold by the Foundation to Mr. and Mrs. Aubrey Tolley, who plan to restore the house and gardens to again make them a show place. Mrs. Tolley will also work with the Botanical Garden to see that "starts" or cuttings of many of the plants in the Tottens' garden, collected and grown over the years, are provided for use around the planned Garden Center, which has been made possible in large part by the Totten bequest.
LETTER FROM DR. CORRELL
Author of Native Orchids of North America

Dear Members of the North Carolina Wildflower Preservation Society:

When anyone asks me where I am from I tell them that I am a North Carolina-born Texan temporarily living in Florida. One of my duties as Taxonomist at the Fairchild Tropical Garden, here in Miami, is the preparation of a modern illustrated Flora of the Bahama Islands within the next five years. A prime objective of this work is to be able to inform the Bahama National Trust (corresponding to our National Park Service) of the various species of wild plants that should be preserved and protected on the islands where many are endemic.

My New England wife, Helen, who holds a Ph.D. degree in zoology from Duke University, and I have worked together for many years to produce useful books for others and to preserve our wild flowers and natural areas for posterity. In view of this, we were both interested in the letter you received from Mrs. Lyndon B. Johnson, published in your Fall 1973 Newsletter. It recalled to us the various pleasant associations we had with President and Mrs. Johnson, especially with Mrs. Johnson in her work on beautification. Incidentally, during this time we were privileged to be guests on several weekends at the LBJ Ranch.
It was our pleasure and greatly in line with our interests to go on nature walks, seed collecting jaunts and various other activities with Mrs. Johnson. During one season, because of her interest, my wife and I collected a half bushel of mature heads of Indian blankets (Gaillardia pulchella) near our home in Dallas County, Texas, to be scattered over the LBJ Ranch.

One of the most interesting activities in which we were involved was when we were concerned with designating the trees and shrubs to be saved in the laying out of the Lyndon B. Johnson State Park across the Pedernales River from the Ranch. Although it was January and most plants were leafless, I was able to save a beautiful clump of Buckthorns (Bumelia), some scattered Necklace-trees (Sophora), as well as many others. While my wife and Mrs. Johnson were busily tying red tapes around those trees and shrubs I designated for saving, President Johnson personally supervised a bulldozer operator and others in the roughing out of roadways and trails. National Park Service administrators, who had overnight rushed down from Washington for an early morning get-together, stood around sleepy-eyed and in wonderment at our energetic activities.

The serious intensity of Mrs. Johnson's interest in wild flowers, their conservation and preservation was a continuous excitement to us. On one occasion
we spent part of a day collecting seeds on limestone slopes of the beautiful little gentianaceous plant, *Centaurea texensis*. Our seed containers were manila folders marked "White House." The seeds were subsequently scattered on rocky soil bordering the LBJ Ranch airplane runway where, the next spring, they formed scattered clusters of delicate pink flowers.

In our recently published "Manual of the Vascular Plants of Texas," Dr. Marshall Johnston and I gave the vernacular name "Lady Bird's Centaury" to this lovely little plant to commemorate Mrs. Johnson's interest in all wild flowers, especially this one.

On another occasion we led a car full of Secret Service agents on a merry chase across pastures and brushland of the "President's Country" to an isolated locality for another gentianaceous plant, *Eustoma grandiflorum*, where we gathered seeds and young transplants, also to be placed on the LBJ Ranch.

All of our assistance, which we gladly gave to Mrs. Johnson, was graciously acknowledged by her when my wife and I, along with others who had worked with Mrs. Johnson on beautification and conservation, were invited to a luncheon at the White House on November 13, 1967. Among the guests were Arthur Godfrey (who acted as MC), Eric Severeid, Mr. and Mrs. Charles Lindbergh, and Mr. and Mrs. Laurence Rockefeller.

The last assistance I gave to Mrs. Johnson was in 1971, when I served on her Highway Beautification Panel, which judged and awarded a prize that she
gave to the Section Superintendent who maintained throughout the year the most naturally beautiful portion of Texas highway for which he was responsible. The presentation of this award, accompanied by a famous Johnson-style barbecue, was held at the now beautiful Lyndon B. Johnson State Park. One of the highlights of the occasion was the relaxed and witty talk given by Mr. Johnson.

My wife and I, having spent the last two years in a Washington, D. C., apartment, came to deeply appreciate the efforts of Mrs. Johnson. Washington in spring was especially beautiful because of her efforts in beautification. We who hope to preserve our wild flower heritage for other generations to enjoy owe much to Mrs. Johnson and her efforts to do something about it.

With all good wishes,

Sincerely yours,
Donovan S. Correll
Taxonomist

THE MEDICINAL HERB GARDEN, at the Country Doctor Museum, Route 264, Bailey, N. C., to which the NCWFPS has contributed, was listed in The Herb Grower magazine's "Herb Gardens to Visit." Gertrude B. Foster, editor of the magazine, is author of Herbs for Every Garden; this book may be ordered directly from her at Falls Village, Conn. 06031. The price is $6.95 plus 50¢ postage. It is one of the best books for the beginner and for the experienced gardeners.
MINUTES OF THE SPRING MEETING -- April 21, 1974

(abbreviated with permission of the Secretary)

The NCWFPS met at Morrow Mountain State Park, in beautiful weather, for a picnic lunch. After lunch, Mr. Shinn, President, sent thanks to Dr. Hochenslebner for making the arrangements.

Minutes were read and approved. Miss Bessie Pope gave the current balance, $701.41, with $180.00 in the Memorial Fund. May 1 is the time for dues renewal. It was announced that Nancy Julian had mailed out cards to give advance notice of the meeting. A brochure is being prepared for prospective members by Mrs. Teeny Stronach and Mr. Lionel Melvin.

Notice was taken of a reception in Raleigh honoring Dr. B. W. Wells. Around 300 people visited the exhibit of his paintings and wished congratulations on his recent 90th birthday. A greeting card signed by all at the last Board meeting pleased him very much, announced Mr. Shinn and he had placed the short gift of the Shinn's in a deep cove at his farm. Mr. Gordon Butler spoke on his pleasure at the occasion. He wondered if the print of the current Newsletter might be too small. Mrs. Mercer Hubbard explained that when the weight of the paper and cover exceed two ounces, the postage doubles; in order to include the business and the fine articles, this is sometimes necessary. A show of hands made it clear that there was not enough reason to warrant enlarging the print.

The Editors are sorry that everyone did not receive a copy of the Newsletter; they suggested that first class mailing may be more efficient. They were also asked to investigate a mailing permit for non-profit organizations. Contributors were thanked for their articles, and especially noted was Dr. Mary Elkins's posthumous article.

It was announced that Dr. Hollis Rogers is making a 30 minute movie using THE NATURAL GARDENS OF NORTH CAROLINA, by Dr. B. W. Wells, as a guide.

Mr. Shinn is promoting the use of natural plants along the highway; now the Government is doing something about this also.

The Botanical Garden at Asheville is anxious to get a start of Black maples; Mr. Melvin says it is known as Southern Sugar maples and grows along the Yadkin River. He will be able to find a source.

Notice was given of the Wildflower Pilgrimage in Asheville May 17 - 19.

Mr. Ken Moore showed portraits taken at the Fall meeting by Ann Hawthorne; Mrs. Jean Stewart moved that a set be purchased to include in the history of the Society; Mr. Moore offered a set as a gift; this was accepted with pleasure.
Emily Allen brought creeping wild ginger to the members; Mrs. Shinn offered creeping white phlox, a variety she had discovered.

Marjorie Newell thanked Mr. Shinn for his fine term of office, and presented him with a check from the Society, to be used in purchase of a book. Mr. Shinn thanked the Society for giving him the opportunity to work with this fine group of people. Mrs. Pattie Warren also thanked him for his leadership, and the Society rose as a standing ovation of appreciation.

The following officers were elected:
Mrs. Jean Stewart, President; Ken Moore, Vice-President; Caroline Donnan, Recording Secretary; Nancy Julian, Corresponding Secretary; Miss Bessie Pope, Treasurer, and Mrs. Ray Nance, Membership.

Mrs. Stewart, the new President, spoke about the possibility of small field trips to various areas of the state -- possibly 15 or 20 people -- as a program to work toward.

Walks and points of interest in the Park were enjoyed under the guidance of Mrs. Stewart and the Park Naturalist.

Respectfully submitted,
Caroline Donnan, Sec'y.

MINUTES OF THE EXECUTIVE BOARD MEETING -- August 11, 1974

The Executive Board met at the home of Dr. and Mrs. Carl Pegg in Chapel Hill on Sunday, August 11th, presided over by Mr. Ken Moore, Vice-President, in the absence of President Mrs. Jean Stewart.

Instead of the minutes of the last meeting, minutes of the first meeting of the Society, held April 29, 1951, were read for their historical interest.

Mrs. Teeny Stronach reported that she had been working on an emblem for the Society to be included in the brochure which Mr. Lionel Melvin is working on and which will be ready soon.

Mrs. Mercer Hubbard reported that a recurring problem is that many still do not receive the Newsletter; it was found that the membership list is not complete enough for bulk mailing; for a small group, the Post Office suggests this would not save in postal rates. Mr. O. G. Allen offered to send the Fall copy through his business office, in order to find whether first class mailing will be more effective.
Mr. Gordon Butler reported that the Hope Mills Natural Area is nearly finalized. The company proposes to donate up to 25 acres; the land will be owned and sponsored by the N. C. Botanical Foundation. Mr. Moore said that credit for saving the area will go to the NCWFPS.

For the Fall meeting, Mr. Melvin moved that the site be the Outer Banks. Mrs. Stronach seconded and was approved. Mr. Gordon Butler volunteered to make the arrangements. Dates set are October 12-13, Saturday and Sunday.

All Newsletter articles are already in hand; reports and business should be in by August 20th.

Mrs. Stewart is interested in having the Society sponsor wildflower and natural habitat hikes in different areas of the state throughout the year. Dr. Hechenbleikner proposed regional hikes; Mr. Moore suggested three per year held at different times so they would not overlap; Mr. Melvin suggested including guests. It was decided to form three areas to set up hikes; Mrs. Shinn agreed to be the mountain contact, Dr. Hechenbleikner the piedmont contact, and Mr. Butler the coastal contact.

Action as to becoming a member of the National Wildflower Society is to be taken at the Fall meeting.

Mr. Shinn reported that the TVA is launching a large research program on propagating native plants from seeds; their main area of work will be at Norris Dam and will include other TVA areas. Seeds will be turned over to nurserymen in the hope that more native seeds will be offered for sale. Mr. Shinn reported that he has seeds to share; if he receives a note stating what is desired, he will bring seeds to the Fall meeting.

Ken Moore suggested that the Society develop a seed and plant exchange so that a supply will be on hand for distribution.

Mrs. Nell Lewis reported that the State Garden Club is working on Operation Wildflower, a project to sow seeds along roadsides.

Mr. Walter Braxton announced a fine article in this issue of The North Carolina Gardener honoring the Tottens. Ken Moore offered to have this xeroxed so others can read it. The Totten estate was left to the Botanical Garden Foundation; proceeds from sale of the estate will be used by the Foundation for a garden center to be named for the Tottens. The State Garden Club has been asked to match funds for state use; their decision is not known at this time.

Mr. Butler suggested a small wildflower garden in the Tottens' memory; Mr. Melvin was asked to prepare a list of their favorite flowers.

Board members were invited to visit the Botanical Garden to see the work Mrs. Mercer Hubbard, with a group of volunteers, has been doing on the herb garden.

Respectfully submitted, Caroline Donnan, Recording Secretary.
NOTICE

The Newsletter is published twice a year - in the Spring and in the Fall.

Some of you have not received your copies, either because there is a loss through the mail or because the address may not be complete.

In order to insure the accuracy of the membership list, please check carefully, not only for your own name, but for others you may be able to correct.

We are mailing this issue First Class instead of Third Class, through the courtesy of Mr. O. G. Allen, and we are anxious to find out if this is more efficient.

Please fill in the blanks below and return to:
Editors, 2000 Cedar Street, Durham, N. C. 27707, if you will be so kind.

Also, remember volunteer articles; some of our finest ones come from members willing to share their interests. We think each of you has something to say.

Always receive my copy of Newsletter

Fall '74 is the first copy I have received

Received postal announcing Spring '74 meeting but not Spring '74 Newsletter

Needed address corrections which I have observed: