



SE Newsletter

SOUTHEASTERN FOREST EXPERIMENT STATION
ASHEVILLE, NORTH CAROLINA

February/March 1988

DIRECTOR'S CORNER

I have been on the job a few weeks now, and I want each of you to know how pleased I am to be here. It's really good to be a part of the Southeastern Station team. I'm impressed with the work that is taking place at the Station. You have an excellent reputation and I want to help maintain it.

I haven't had a chance to get to all of the work units yet, but I'll visit you as soon as possible. I want to learn about your work, and I intend to spend as much time as possible with you during that learning process.

Some have asked, "What kind of vision do you have for the Station?" That's certainly a good question, but one that I am not yet ready to answer with any certainty. I do have some initial thoughts that I want to share with you, and, in return, I would appreciate any ideas that you might have on the Station's future.

The Station is productive and competitive. I do not want to do anything to change its momentum. In that sense, I guess you could call me a conservative. Here are some thoughts about where I think we should be going. They are not new, but they do reflect where I'm coming from.

- We must provide an environment that is conducive to conducting good, sound research.
- We must develop and nurture professionalism.
- We must respond to the needs of the Southeast and, where appropriate, the needs of the country.
- We must place more emphasis on multiproblem, interdisciplinary types of research.
- We must continue to expand our interactions with interest groups and clients to better respond to their needs.

- We must continue to develop and expand partnerships. These relationships are "the name of the game."
- We must continue efforts to diversify the workforce with a goal of reaching parity by 1995.
- We must remain competitive, which means that we must continually look for ways to do our work more efficiently.
- We must remove some of the administrative burdens, particularly those within our authority, and move decisionmaking to the lowest level. The philosophy behind the "Pilot" efforts currently underway in other units must be institutionalized.

This list is not all inclusive. Neither is it set in concrete. It should be dynamic, with additions, deletions, and modifications being made as necessary. If we are to move in the directions I envision, we must all move together. I know I can count on you.

J. LAMAR BEASLEY
Station Director

MUSCULAR DYSTROPHY ASSOCIATION CELEBRITY WALK

McDonald's of Athens recently invited Smokey, Woodsy, and Carol Williams to participate in the Second Annual Muscular Dystrophy Walk-a-Thon at the Athens Mall. Although Smokey (Don English, RWU 4901) and Woodsy (Jim Cunningham, RWU 4551) had a memorable morning trying to navigate through the mall with limited vision, McDonald's was very appreciative of the Forest Service support in making miracles happen!



At the DG Training Center opening (l-r) Rex Hartgraves, Bill Hagar, and Eldon Ross.

DG TRAINING CENTER

The new Forest Service Data General Training Center, the first in the Nation, opened at Clemson University on March 8. Attending the opening were Eldon Ross--former Station Director, now Associate Deputy Chief--and Charles Hartgraves--Associate Deputy Chief.

Managed cooperatively by the Southeastern Forest Experiment Station and Clemson, the Center has excellent facilities for training small groups (up to 30) by Forest Service or University instructors. The small-town setting and surrounding Appalachian Foothills provide an atmosphere that is conducive to learning. Special motel rates or group housing are available. Information on arranging sessions will be distributed.

INTERNATIONAL STUDY TOUR HOSTED BY CHARLESTON LAB

On October 21, the Charleston laboratory hosted the Fourth International Seminar on Forest Administration and Management, a study tour sponsored by the School of Natural Resources, University of Michigan, and the USDA Forest Service's International Forestry Staff. Twenty-nine managers from developing nations participated in the seminar, which, according to its sponsors, is an "intensive, interactive training program designed for senior natural resource management professionals from the developing world who desire to improve their managerial capabilities and administrative skills. In a 27-day study tour, it presents a broad

spectrum of forest management techniques and institutional arrangements"

Seminar Director James Burchfield of Ann Arbor, Michigan, and Brian Payne, Deputy Director of USDA FS International Forestry Staff, Washington, DC, led the study tour. Attendees included senior managers from various countries in Africa, Asia, South and Central America, and Europe. Before visiting the Charleston laboratory, the group had spent 20 days touring the Lake States and western North Carolina, stopping at many State, Federal, industrial, and private forest resource management organizations. After 4 days in coastal South Carolina, the study tour concluded with 3 days in the Washington, DC, area.

The Charleston laboratory was selected to demonstrate effective integration and practical application of forestry research, extension, and technology transfer--one of the theme subjects of the seminar. The group discussed establishment of research priorities, management of research organizations, and methods of transferring information and technologies to rural populations, as well as the particular research work at the Santee Experimental Forest. Since the Charleston laboratory was the only Forest Service research facility visited by the study group, the Charleston scientists were often called on to go beyond their individual topics of research and answer questions about Forest Service research as a whole.

Participating in the all-day program were Bill Harms, Marilyn Buford, Bill McKee, and Ken Ware from Char-

leston; Donal Hook from Clemson; and Dennis Krusac from Francis Marion National Forest. They report that they enjoyed the opportunity to discuss aspects of forestry research with people from very different parts of the world.

NEW NEWSLETTER EDITOR

A few days ago Carol Ferguson signed on as a Public Affairs Specialist at the Station headquarters. "Public Affairs Specialist" is what the Forest Service calls its Information Officers these days. Carol will be editing and assembling the SE Newsletter henceforth, and she will be helping to provide materials that will give our research programs greater visibility to key publics. In upcoming months she will be making work visits to our research locations as specific jobs come up.

Carol comes to us with considerable experience in writing, editing, and public relations in the private sector. After graduating from Carnegie-Mellon University with a B.S. in technical writing and a minor in chemistry, she held an editorial position in the marketing department of Westinghouse Electric's Nuclear Systems Division. This was followed by a decade in the banking industry, serving as training and communications coordinator for the operations and marketing divisions of several major institutions. After moving to Asheville in 1985, she took on the position of public information coordinator for the Superfund cleanup at the nearby Chemtronics Site. Her responsibilities included publishing newsletters; preparing slide and video presentations; writing press releases, background papers and technical papers; coordinating press conferences, advisory board meetings and public forums; measuring public awareness and attitude.

When asked what she hopes to accomplish in the coming months, Carol talked about her long-standing concern for the environment and her belief in the importance of research: "I want to learn as much as I can about how the Station operates, so that I can plan programs that effectively communicate its value to the general public as well as to other government agencies. I think that working on the Newsletter will provide a wonderful opportunity to develop an understanding of the Station as a whole and to begin getting a feel for the work of the individual labs."

Carol's telephone extension is 389. Give her a call if you have ideas for the Newsletter or for any other programs that might increase the Station's visibility.

CONGRESSMAN BARNARD VISITS ATHENS LAB

Congressman Doug Barnard recently visited the Athens laboratory and met with Project Leaders and RSS for a briefing on current research activities. After the briefing, Barnard attended a family meeting and presented the lab with a United States flag that had flown at the Capitol.

SCHOOL BEAUTIFICATION PROGRAM

As part of its Adopt-A-School partnership program, the Athens laboratory is helping Gwen Scoates' sixth-grade science classes to beautify Burney-Harris-Lyons Middle School. Each of the six classes will work on a designated area of the school grounds. The classes will work jointly to control litter and to develop a campaign for instilling pride in their school, their community, and their country. The program is also part of the nationwide "Take Pride in America" campaign.

PERSONNEL ACTIONS

Promotions:

- Ann Bartuska, Biological Scientist, Raleigh
- Yvonne Briggs, Voucher Examiner, B&F, Asheville
- Marsha Conley, Accounting Technician, B&F, Asheville
- Alan Hall, Computer Specialist, CSSS, Asheville
- Ronald Nesbitt, Copier/Duplicator, Asheville
- Frances Payne, Procurement Clerk, Contracting, Asheville
- Nolan Snyder, Supervisory Forester, FIA, Asheville

Career-Conditional Appointments:

- Gregg Chapman, Biological Technician (Fisheries), Blacksburg
- Carroll Farmer, Maintenance Worker, Engineering, Asheville
- Carol A. Ferguson, Public Affairs Specialist, Publications, Asheville
- Ken Forbus, Computer Programmer, Macon
- Donna McHone, Clerk, Personnel, Asheville

Conversion to Career:

- Carolyn Steppleton, Data Transcriber, FIA, Asheville

Reassignment:

- Katherine Kellum, Computer Clerk, Athens

Resignation:

- John Whitesides, Forester, FIA, Asheville (Field)

Retirement:

- Charles Berry, Research Plant Pathologist, Athens

Transfer in:

- Lesa McAbee, Personnel, Asheville

RECENT PUBLICATIONS

Call Al Thomas, X0392, or send request via DG to H.Thomas:S29A.

Barnard, Joseph E. Changes in tree growth rates in Vermont. Res. Note SE-350. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 6 pp.

Brown, Mark J. Forest statistics for Central Florida, 1988. Resour. Bull. SE-99. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 53 pp.

Burgan, Robert E.; Hartford, Roberta A. Computer mapping of fire danger and fire locations in the continental United States. *Journal of Forestry* 86(1):25-30; 1988.

Davenport, Edgar L. Interstate movement of round pulpwood in the Southeast, 1981-1985. Resour. Bull. SE-98. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 16 pp.

Johansen, Ragnar W. 1987. Ignition patterns and prescribed fire behavior in southern pine stands. Ga. For. Res. Pap. 72. Macon, GA: Georgia Forestry Commission, Research Division. 6 pp.

Loehle, Craig; Namkoong, Gene. Constraints on tree breeding: growth tradeoffs, growth strategies, and defensive investments. *Forest Science* 33(4):1089-1097; 1987.

McKee, William H., Jr.; Wilhite, Larry P. Response of newly planted loblolly pines to herbicide and nitrogen. *Southern Journal of Applied Forestry* 12(1):33-36; 1988.

McKevlin, M.R.; Hook, D.D.; McKee, W.H., Jr. [and others]. Loblolly pine seedling root anatomy and iron accumulation as affected by soil waterlogging. *Canadian Journal of Forest Research* 17:1257-1264; 1987.

McMinn, James W.; Clark, Alexander, III; Loggins, Tommy J. 1987. Pre-harvest estimation of logging residues in middle Georgia. Ga. For. Res. Pap. 73. Macon, GA: Georgia Forestry Commission, Research Division. 6 pp.



SE Newsletter

SOUTHEASTERN FOREST EXPERIMENT STATION
ASHEVILLE, NORTH CAROLINA

December 1987

DIRECTOR'S CORNER

What Child is This?

There is no time like this season of the year to make us realize that we all have a child in us. Ever since I read Dr. Thomas Harris' bestselling book, "I'm OK--You're OK", some 20 years ago, I have grown to appreciate and love the child in myself. For in the child resides our creativity, curiosity, and the desire to explore and know, the urge to touch and feel and experience and the recordings of the glorious, pristine feelings of first discoveries. In our child are recorded numerous "Aha!" experiences, the firsts in our life as a small person--the first drinking from the water hose, the first stroking of a soft puppy, the first playing in the snow, the first present we tore open, etc.

In his book, Dr. Harris said that everyone has three ego states in his/her personality--parent, adult, and child. Our critical and nurturing behavior comes from the parent; our problem-solving and rational thinking come from the adult; and our joy, laughter, and rebellious behavior come from our child. I believe that organizations such as the SE Station have a parent, adult, and child ego state just like a person has. All these states are necessary and must exist in the proper balance if an organization or person is to be perceived as "OK". Unfortunately, memories of past events cause us to feel that certain actions are "not OK". For example, to have real fun in our jobs is viewed by many as "not OK". Somewhere in the development of our organizational culture, our fun-loving child state has been subdued by our critical parent and rational adult. I believe that enthusiasm and a fun-loving approach in the work environment are major ingredients in organizational greatness and excellence.

During this holiday season, it is my hope that we as an organization and as individuals revive this special gift that is wrapped in all of us--the gift of fun, laughter, and enthusiasm. As we reflect on the successes of the past year and formulate our dreams for the future, let's remember that it is OK to have fun.

☆ HOLIDAY greetings.
AND FUN WISHES!

Jerry



Front Row (Left to Right) Don Marx; Wayne Swank; Denver Burns, NE; Ann Bartuska; Charlie Van Sickle; Jerry SESCO; Hoyt Abney; Bob Thatcher; Gordon Lewis; Ron Sederoff, NC State; Stan Barras, SO; and Don Eng, Francis Marion and Sumter NFs
Middle Row (Left to Right) Carol Wells, Bob Biesterfeldt, Bob Burgan, Carol Williams, Joe Jagodowski, Jack Waide, Joe Barnard, Pat Outcalt, Alan Wagner, Peggy Sweat, Phil Bailey, Joanne Shelton, Dave Bramlett, Gene Namkoong, Joe Saucier, Bill Harms, Lance Kress, Don Beck, Marilyn Buford, Ralph Alig, Mary Lou Rollins, and Bill Pepper
Back Row (Left to Right) Greg Ruark; Pauline Spaine; Dan Neary; Ron Ochs; Jim Holbrook; Allan Cartledge; Bob Riser, Apalachicola NF; Charles Philpot, WO; Harry Powers; Tom Miller; Tom Lloyd; Roger Belanger; Phil Araman; and Harry Yates

FUTURE ISSUES RAISED AT RESEARCH LEADERSHIP MEETING

Early in 1988 a Combined Program Review will be held at the Southeastern Station. While the manner in which current tasks are being performed will be examined, the main focus of that review will be on meeting future challenges in forest research. The Station Director, his Staff, Project Leaders, Program Managers, assorted folks from Administration, and some observers met for 3 days in early December to identify key issues that should be explored in preparing the Station for the 1990's. The comfortable surroundings of Jekyll Island, GA, were chosen for this important work.

Participants were introduced to the concept of Priority Research Programs, a new mechanism for obtaining expanded support for badly needed research. Possible effects of this approach on the conduct and management of research were discussed.

SESCO TO BE ASSOCIATE DEPUTY CHIEF FOR RESEARCH

By now we are sure you know that Jerry SESCO has, for some reason, accepted a transfer to the Washington Office to be an Associate Deputy Chief for Research. By January 1, he will be working alongside Eldon Ross, who has the same title. Jerry succeeds Charles Philpot, who has been named Director of the Pacific Northwest Station in Portland, OR.

Jerry, you will recall, came to our Station as Assistant Director for Continuing Research in Georgia and Florida in 1984. He moved up to Director in 1985. Although he would probably deny any desire for increased dignity and status, Jerry's new position may well require it. We therefore suggest that negatives or photoprints of him in peculiar dress on Halloween or at a retirement function be held as long-term investments.



SE Newsletter

SOUTHEASTERN FOREST EXPERIMENT STATION
ASHEVILLE, NORTH CAROLINA

JUNE/JULY 1988

DIRECTORS CORNER

It has been a busy summer, but at the same time a rewarding one. I believe that we are making progress in a number of areas, many of which will help us to gain support for important research efforts.

I am excited about our progress in establishing a demonstration forest at Bent Creek. This is truly a cooperative project involving many individuals and groups. In August, we will work out a Letter of Agreement with other supporting organizations. The next step will be to recruit someone to plan and implement a program for effectively transferring research results to a wide array of users. When completed, the Bent Creek Demonstration Forest will stand as the sister to the recently dedicated Ernst V. Brender Demonstration Forest, showing landowners how best to manage their stands of mixed pines and hardwoods. I believe it is important to move aggressively on projects like these, and to find creative outlets for our research results.

On a different, but equally optimistic note, it appears that the 1989 Appropriations Bill will pass by August. If so, this will be the first time in many years that the Station has started a fiscal year with a known budget.

Finally, a word to our retirees: Thanks for making our June luncheon such a success. Your input is extremely important to the Station's direction and management. I look forward to a continuing close association, and urge you to be as active as time permits.

J. Lamar Beasley
Station Director

FIA RELEASES GEORGIA SURVEY RESULTS

Tifton, GA — At a June 28 meeting sponsored in cooperation with the Georgia Forestry Commission, the

Station's Forest Inventory and Analysis (FIA) Unit presented its latest survey results of the Southwestern Georgia forest resource. Representing FIA were Project Leader Joe McClure and Noel Cost, head of the Techniques Section.

The Director led the program with a slide talk about the Station and its work, followed by presentations on inventory procedures and results, and an evaluation of the data by Herb Knight, recently retired from FIA's Analysis Section.

The meeting marked the sixth survey of Georgia's forests, a billion dollar resource whose value of production easily outranks the State's other leading crops. FIA intends to hold other such meetings as crews complete inventories for the Coastal, Central, North Central, and Mountain regions.

In February, 1989, FIA will move on to North Carolina, with crews expected to begin working on North Carolina's Coastal Plain.

STATION SCIENTISTS SWEEP PATHOLOGY AWARDS

Alexandria, LA — Two Station pathologists were the sole recipients of awards at the Southwide Forest Disease Workshop held in early June. They are Thomas Miller of Olustee, whose paper titled "Cone and Seed Diseases of North American Conifers" won the extension category; and David Dwinell of Athens, whose "Ecology of the Pine Wood Nematode in Southern Chip Piles" took the research category.

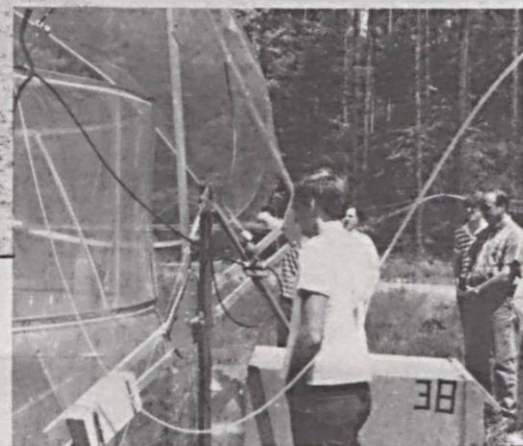
The Southwide Forest Disease Workshop meets every 18 months to recognize achievements in forest pathology. Papers are screened by a review committee, which submits five finalists in each category for selection by the general membership.

DUKE FOREST SITE VISITED

Durham, NC — Folks at Research Triangle Park and North Carolina State University recently got a firsthand look at a project they have been supporting from a distance for several years. On May 26, a mixed group of scientists and administrative people visited the Station's new intensive research site in the Duke Forest for a tour of the facility and a picnic lunch. Site manager Lance Kress conducted the tour and described the experiments that are underway.

Commonly called the Duke Forest Project, the site was established to study the effects of air pollution on southern forests by exposing trees to acid rain and ozone in a controlled, outdoor setting. The project design calls for open-top, 8-foot and 14-foot high, plastic-covered chambers. Each has its own air conditioning unit, through which various concentrations of pollutants are introduced.

Cooperators for this five year study include the Southeastern Station, the USDA Agricultural Research Service, North Carolina State University, and Duke University. It is the first of five intensive field research sites managed by Ann Bartuska's Southern Commercial Forest



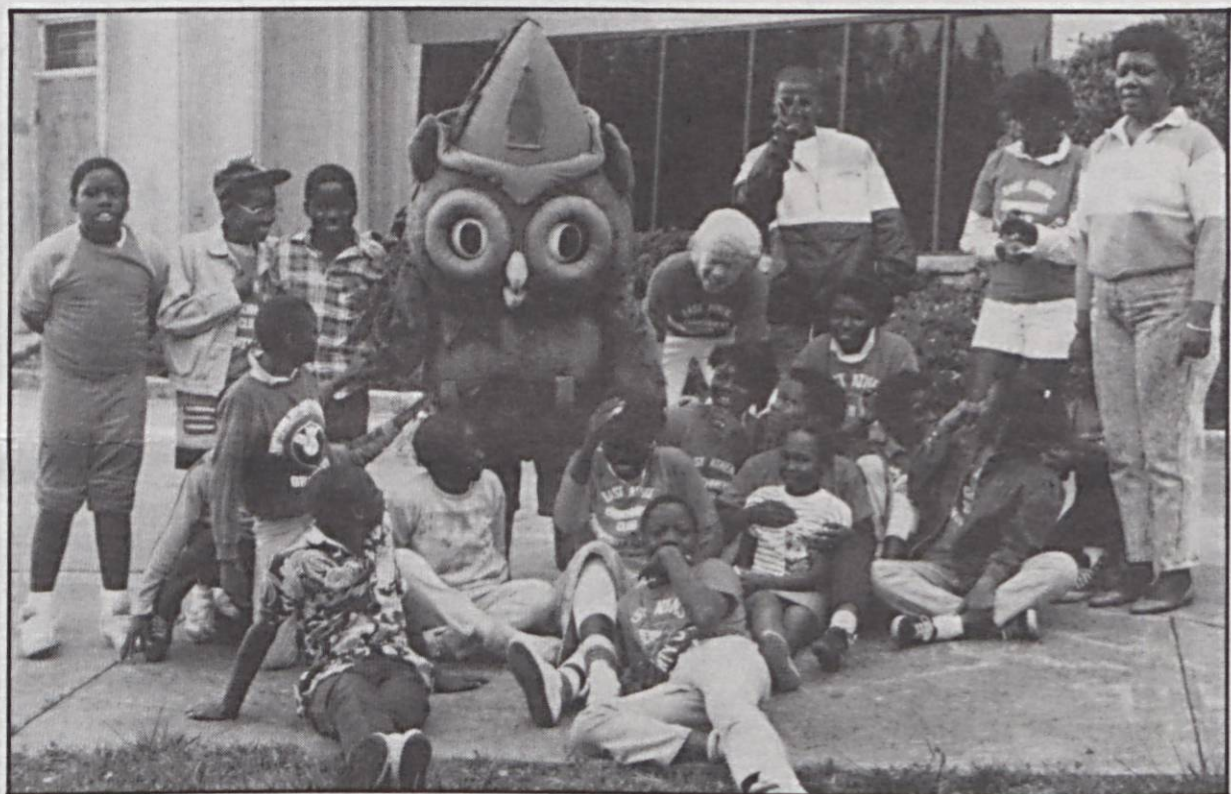
Research Cooperative.

The visitors left the site with a better understanding of its mission and its needs. According to Robbie Barham, secretary at RTP, "Many of the people who have been working on the project have never been to the site--the forest is a good distance from our lab. We just felt that it would be a good idea for them to see the chambers and become familiar with the work Lance is doing."

FORESTERS GET INVOLVED IN URBAN RENEWAL

Athens, GA — The City of Athens has targeted neighborhoods in East Athens for urban improvement, with immediate plans for providing recreation facilities, street improvement and lighting, clearing of burned and substandard structures, clean-up of litter, and siting of a new elementary school.

In support of this effort, the Athens Forestry Sciences Laboratory is working on a litter project with Aaron Heard of the East Athens Community Center. The Laboratory's contributions include organizing a litter patrol, providing information on the "Take Pride in America Program", and supplying Woodsy Owl trash bags.



Woodsy (Mary Williams) visited the East Athens Community Center to help kids organize their first "Litter Patrol."

CATHY DEAL WINS AWARD



Cathy Deal received a Certificate of Honor from two of her client organizations, the Southeastern Station, represented by Station Director Lamar Beasley, and the National Forests of North Carolina, represented by Deputy Forest Supervisor Steve Fitch.

Cathy Deal, Accounting Technician at Station Headquarters, has won the semi-annual Administrative Employee Award. She received a certificate and a \$500 cash bonus during a recent family meeting.

A former teacher, Cathy began working as a voucher examiner for the National Forests of North Carolina in 1984, and moved to Station Headquarters in 1986.

Her current responsibilities include timber sale accounting, general accounting support for ranger districts, and coordination of Forest Service uniforms for both the Southeastern Station and the National Forest.

It was for her work in implementing the new uniform system, as well as her overall performance, that she won recognition. According to Ron Ochs, Administrative Officer for Shared Services, "The awards panel polled Job Corps Centers, Ranger Districts, and Laboratories for nominees, and Cathy's name just kept coming up. We really didn't have to make a decision--she was our clients' overwhelming choice for this award."

The Administrative Employee Award was established in 1987 to recognize the outstanding work of administrative personnel at Station Headquarters. It is awarded twice a year to the employee judged to have provided the best example of "service to the customer" during the previous six months. The current award winner's picture appears on a walnut plaque at the Station Headquarters.

FORESTERS LEARN ABOUT WETLANDS AT COWEETA

Franklin, NC — Swamps in the mountains? Well then why would South Carolina foresters come to Wayne Swank with questions about forested wetlands?

"Our main concern is improving our knowledge of forest hydrology, especially that research that pertains to forested wetlands," said Leonard A. Killian, Director of the South Carolina State Commission of Forestry. "This is becoming a topic of concern among the general public in South Carolina, and Coweeta is one of the premier facilities in the country offering this type of research."

Killian visited the Coweeta Hydrological Laboratory in May, along with Donald W. Eng, Supervisor of National Forests in South Carolina, and 22 other state and federal foresters. The reason, according to Eng, was to expose South Carolina foresters to issues that have challenged Western North Carolina forest managers for some time: "We must find a way to balance aesthetic considerations with timber harvesting and other aspects of multiple-use management...One of the things about Coweeta is the long-term nature of the research. Forestry is a long-term science, so we have a great need for this type of research."

For Wayne Swank, Project Leader at Coweeta, the two-day visit was of mutual benefit, "Maybe they don't realize it, but

we're learning as much from them as they're learning from us. This is really a sharing session, where we learn how our research affects the people that apply that research."

LAB BECOMES FORESTRY CLASSROOM

Athens, GA — As part of their eight-day Project Learning Tree curriculum, a group of north Georgia teachers visited the Athens Forestry Sciences Laboratory on June 21. Scientists from the Laboratory and from the Georgia Reapportionment Project used presentations, demonstrations, and tours to show current research on entomology, plant pathology, disease resistance screening, computer mapping, and outdoor recreation.

The award-winning Project Learning Tree uses the forest to teach about the environment and our responsibility for it. The USDA Forest Service is a national sponsor through its membership on the American Forest Council. In Georgia, Project Learning Tree is co-sponsored by the Georgia Forestry Commission, the Cooperative Extension Service, and the Georgia Forestry Association.

The purpose of the eight-day workshop was to provide demonstration techniques as well as information about forest usage and environmental protection. While in Athens, participants also toured a Georgia Pacific lumber mill, an Environmental Protection Agency laboratory, and an Agricultural Research Service facility.

JOB FAIRS FOR DISABLED AND OLDER APPLICANTS

Athens, GA -- The Forestry Sciences Laboratory here recently participated in two Job Fairs.

The Laboratory participated as a potential employer at the seventh annual Job Fair for persons with disabilities, sponsored by the Mayor's Committee on Employment of the Handicapped and the Georgia Division of Rehabilitation Services. The program was a success by all accounts, especially for our Athens recruiters, who placed Timothy Smith in the Research Support Services office.

In observance of National Employ-the-Older-Worker Week, the Laboratory co-sponsored the second annual Older Workers Job Fair. Other sponsors included the Athens Community Council on Aging and the JTPA Older Workers Program. To provide attendees with up-to-date employment information, the morning session included presentations by prospective employers, as well as material on Social Security, the Displaced Homemaker Program, and a presentation on "Being in the Right Frame of Mind". After lunch, attendees had an opportunity to interview with a number of local employers.

The highlight of the program was a speech by Representative Eleanor Richardson, District 52, who described her decision to campaign for a seat in the Georgia House at the age of 61. She is now serving her fourteenth year in office.



Morris Wilkinson (left) signs with a hearing-impaired interpreter at the seventh annual Job Fair for persons with disabilities.

DIRECTOR SPEAKS AT SAF MEETING

Southern Pines, NC -- The Director delivered the keynote address at the North Carolina Society of American Foresters (SAF) summer meeting on June 23. The focus of the meeting was to discuss ways of managing pines for increased productivity on marginal lands.

According to the Director, "there is a clear economic potential to grow more timber. Unfortunately, only a part of this potential is likely to be realized, mostly due to the limited response of timber supplies to price...If future employment and income of the forest industries are to be sustained, action must be taken to expand both public and private programs--such as protection, assistance, research, education, and public ownership—that are effective in increasing timber supplies."

The speakers that followed discussed specific problems and opportunities associated with pine management on marginal land, with topics ranging from prescribed fires and insecticides to ways of increasing wildlife.

Session chairman, Bill Gardner of North Carolina State University, saw the meeting as an opportunity to achieve two objectives, "We appreciate that Lamar is new in North Carolina. We wanted to give him an opportunity to meet the foresters here. Also, we were delighted to get a glimpse of forestry from the federal perspective, to learn about new developments in Washington that might affect us here in North Carolina."



Congressman Rowland received a commemorative plaque from the Station Director at the Brender dedication. Looking on is John Mixon, Director of the Georgia Forestry Commission.

BRENDER FOREST DEDICATED

Macon, GA — State and federal foresters, researchers, politicians, and members of the Brender family all congregated at the Hitchiti Experimental Forest on June 20 to celebrate the creation of the Ernst V. Brender Demonstration Forest.

After welcoming the crowd to the mid-morning, outdoor ceremony and introducing guests, the Station Director emphasized the importance of Brender's research to the management of today's forest resources, especially those held by the non-commercial private ownership class: "Success in reaching this diverse group of individuals, partnerships, and corporations depends on cooperation by state and federal agencies. In Georgia, the Southeastern Station, the Georgia Forestry Commission, and Region 8 of the National Forest System have worked out a campaign for information delivery and exchange, all aimed at teaching forest management practices to non-forestry people...At the heart of this program is the Brender Demonstration Forest."

The Director's remarks were reinforced in speeches by John Mixon of the Georgia Forestry Commission and by Congressman J. Roy Rowland, who spoke of the importance of the forest resource to Georgia's economy. Ernst Brender's daughters, Betty Brender Belanger and Susan Brender Bagwell, participated in the ribbon-cutting ceremony, and received commemorative plaques marking the occasion.

Afternoon activities included a description by David Bramlett of current research projects on the Hitchiti, a slide film on Ernst Brender's work, and guided tours of various demonstration plots.

RESEARCHERS RECOGNIZED AT LUNCHEON

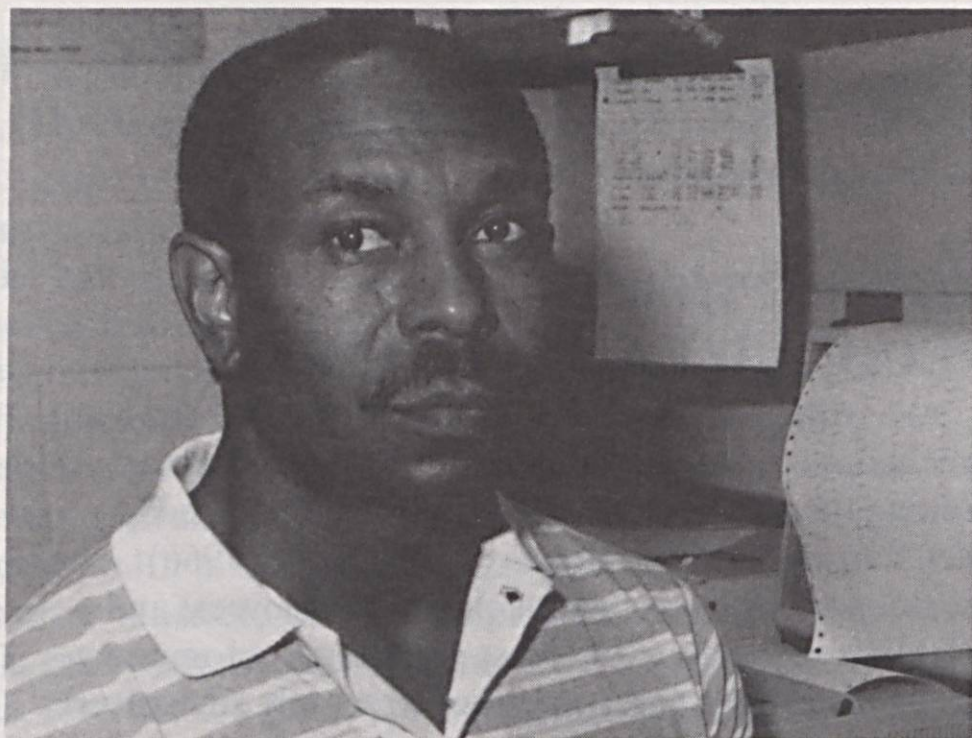
Asheville, NC — On June 30, the Station hosted a luncheon to introduce retirees to our new Director. Among the retirees attending were Dr. Thomas F. McClintock (Station Director from 1962 to 1966); former administrative and technical employees; and scientists in the areas of forest pathology, entomology, fire management, forest products research, silviculture, and forest inventory.

Following the luncheon, the Director presented awards of appreciation to the multidisciplinary team that drafted the "Southern Appalachian Timber Study." Award recipients from the Southeastern Station were Ray Sheffield, Resource Analyst for Forest Inventory and Analysis in Asheville, and Ed De Steiguer, Project Leader for Pest Impact Assessment Methods at Research Triangle Park.

Ann Bartuska, Program Manager for the Southern Commercial Forest Research Cooperative, then showed slides, and described field and laboratory investigations into the effects of atmospheric deposition on forest health.



Over the past year, Paula Spaine and Mary Williams have been in great demand, representing the USDA Forest Service as Smokey the Bear and Woodsy Owl, and attending community events that range from tree plantings to walk-a-thons. Here they are with Athens Mayor, Dwain Chambers, at an annual Health and Safety Fair sponsored by Certainteed.



James A. Richmond, entomologist in Gene Nomkoong's genetics research pioneering unit, recently earned a doctorate in forestry from North Carolina State University. The title of his thesis is "Genetic Structure of Species and Populations of Pine Coneworms in the Eastern United States." Jim's previous education includes a BS and MA from A&T State University, an AB from Shaw University, and an MS in entomology from North Carolina State University. He has been employed at the Station since 1968, and is currently involved in work on population genetics of forest insects and trees. Congratulations Jim!

RECENT PUBLICATIONS

Call Allen Thomas, 257-4392, or DG to H.Thomas:S29A.

Beck, Donald E. 1988. Regenerating cove hardwood stands. pp. 156-166. In: Smith, H. Clay; Perkey, Arlyn W.; Kidd, William E., Jr., eds. Workshop proceedings: Guidelines for regenerating Appalachian hardwood stands; 1988 May 24-26; Morgantown, WV. SAF Publ. 88-03. Morgantown, WV: West Virginia University Books.

Brown, Mark J.; Thompson, Michael T. Forest statistics for Florida, 1987. Resour. Bull. SE-101. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 61 pp.

Brown, Mark J.; Thompson, Michael T. Forest statistics for South Florida, 1988. Resour. Bull. SE-100. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 48 pp.

Cost, Noel D. Multiresource inventories: Woody biomass in Virginia. Res. Pap. SE-269. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 35 pp.

Lennartz, Michael R.; Heckel, David G. 1987. Population dynamics of a red-cockaded woodpecker population in Georgia Piedmont loblolly pine habitat. pp. 48-55. In: Odom, Ron, ed. Proceedings of the third southeastern nongame and endangered wildlife symposium; 1987 August 8-10; Athens, GA. [Available from: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station, Asheville, NC]

Loftis, David L. 1988. Regenerating oaks on high-quality sites, an update. pp. 199-209. In: Smith, H. Clay; Perkey, Arlyn W.; Kidd, William E., Jr., eds. Workshop proceedings: Guidelines for regenerating Appalachian hardwood stands; 1988 May 24-26; Morgantown, WV.

PERSONNEL ACTIONS

Promotions:

Rebekah Bowman, Forester, FIA, Asheville (Field)
Donna Burnett, Clerk-Typist, FIA, Asheville (Temp.)
William Elliott, Forestry Technician, Athens
Eric M. Ferguson, Computer Operator, FIA, Asheville
Joseph Johnson, Computer Operator, FIA, Asheville
Katherine Kellum, Computer Assistant, Athens
F. Thomas Lloyd, Research Forester, Clemson
Carolyn Steppleton, Statistical Clerk, FIA, Asheville
John Tansey, Forester, FIA, Asheville

Career-Conditional Appointment:

Sarah Combs, Forestry Technician, FIA, Asheville (Field)
Sandra Fisher, Secretary, Blacksburg
Robert G. Haight, Research Forester, RTP
Timmy R. Giddens, Electronics Technician, Macon
Ben Koontz, Forestry Technician, FIA, Asheville (Field)
Terry Riley, Forestry Technician, FIA, Asheville, (Field)
Marion Watts, Biological Technician, Athens

Resignations:

Bernice Barnett, Research Social Scientist, Athens
James G. Williams, Mathematical Statistician, Athens

Summer Appointment:

Donald Smiley, Management Assistant, RSS, Asheville

SAF Publ. 88-03. Morgantown, WV: West Virginia University Books.

McNab, W. Henry. 1988. Hardwoods and site quality. pp. 226-240. In: Smith, H. Clay; Perkey, Arlyn W.; Kidd, William E., Jr., eds. Workshop proceedings: Guidelines for regenerating Appalachian hardwood stands; 1988 May 24-26; Morgantown, WV. SAF Publ. 88-03. Morgantown, WV: West Virginia University Books.

Nelson, Ralph M., Jr.; Adkins, Carl W. A dimensionless correlation for the spread of wind-driven fires. Canadian Journal of Forest Resources 18:391-397; 1988.

Sluder, E.R. Inheritance and gain in a half-diallel cross among loblolly pines selected for resistance to fusiform rust. Silvae Genetica 37(1):22-25; 1988.

Swank, Wayne T.; Vose, James M. 1988. Effects of cutting practices on microenvironment in relation to hardwood regeneration. pp. 71-88. In: Smith, H. Clay; Perkey, Arlyn W.; Kidd, William E., Jr., eds. Workshop proceedings: Guidelines for regenerating Appalachian hardwood stands; 1988 May 24-26; Morgantown, WV. SAF Publ. 88-03. Morgantown, WV: West Virginia University Books.

Thompson, Michael T. Forest statistics for Southwest Georgia, 1988. Resour. Bull. SE-102. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1988. 53 pp.

Van Lear, David H.; Waldrop, Thomas A. 1988. Effects of fire on natural regeneration in the Appalachian Mountains. pp. 56-70. In: Smith, H. Clay; Perkey, Arlyn W.; Kidd, William E., Jr., eds. Workshop proceedings: Guidelines for regenerating Appalachian hardwood stands; 1988 May 24-26; Morgantown, WV. SAF Publ. 88-03. Morgantown, WV: West Virginia University Books.



SE Newsletter

SOUTHEASTERN FOREST EXPERIMENT STATION
ASHEVILLE, NORTH CAROLINA

AUGUST 1988

DIRECTORS CORNER

With the fire season upon us, I want to take this opportunity to emphasize the importance of participation from all areas of the Forest Service, research included. Recognizing fire as a priority is not only necessary from a practical point of view, it is also one way in which we all can participate in the kind of team-building that makes the Forest Service such a tight-knit family.

The Station policy is to provide whatever assistance is possible, without seriously jeopardizing our research projects. By providing block approvals ahead of time, project managers and supervisors can anticipate their employees' participation, thereby minimizing disturbances to work routines.

I am very proud of the Station's participation in the firefighting classes this summer. In all, 41 people graduated from the basic incident command system course and are now qualified for base-camp work. Of these, over half went on to attend the two courses required for fire-line work--fire behavior and firefighter training. And as of the end of this month, eight of our employees have reported for duty on Western fires: four to Yellowstone, three to Kettle Falls, Wyoming, and one to Montana.

In the coming year, it is important to expand this effort to the extent that is practical, creating a large enough pool of trained firefighters and support people, so that no one unit is bearing the brunt of the burden.

J. Lamar Beasley

J. Lamar Beasley
Station Director

NORWEGIAN FORESTERS VISIT STATION ECONOMICS UNITS

Research Triangle Park, NC—Last month, three forest economists from the Agricultural University of

Norway visited the United States to confer with their counterparts from this side of the Atlantic.

Ed de Steiguer and Ralph Alig hosted the group's visit to the RTP laboratory, and answered questions about current forestry economics in the South. The group was particularly interested in two areas of research—harvest scheduling models and the Station's work with nonindustrial private forest owners, the largest but least organized class of woodland holders in the Southeast.

The group made several other stops while in the area, including the Duke Forest Site (where atmospheric deposition studies are underway), Duke University, and North Carolina State University.

"What I don't understand is how I got over the hill without ever being at the top".....words of wisdom from an Older American in Jim Holbrook's Engineering Shop.

ARBORETUM OFFICIALLY RECOGNIZES STATION SUPPORT

Bent Creek, NC—At an August 16 meeting, the Board of Directors of the Western North Carolina Arboretum authorized a resolution of thanks to several organizations that have provided assistance during the formative stages of the project. Among the organizations recognized was the Southeastern Forest Experiment Station, on whose land the Arboretum is located.



Bottom row, left to right: Sabrina Norris, Valerie Cooper, Valerie Oglesby, Allison Fenderson (RTP), Sissy Jackson (Athens). Top row, left to right: Dorvell Crews (RTP), Kavin Johnson (Charleston), Don Smiley (Asheville), Darryl Jenkins (Charleston), Jimmy Alexander (Gainesville).

1890'S STUDENTS END SUMMER WITH TOUR OF WNC

Asheville, NC — This summer, the Station hired 15 students from 1890's (or traditionally Black) universities to work on project teams and support units throughout the Southeast. Their locations ranged from Gainesville to Research Triangle Park and their work assignments were just as varied.

Before returning to school, these students had an opportunity to meet each other and visit Forest Service facilities in Western North Carolina. Joined by a busload of local high school students, the group toured the Station headquarters, then went on to visit Bent Creek Experimental Forest, the 1931 clearcut near Bent Creek, the Schenck Job Corps Center, the Pisgah Ranger District, and the Cradle of Forestry.

The experience has changed the career plans of at least one of these students — apparently, Marilyn Buford has done a good job of selling the Forest Service.

DEMONSTRATION FOREST GAINS MOMENTUM

Bent Creek, NC — On August 15, Don Beck and Gordon Lewis met with representatives from State and Private Forestry, the National Forests of North Carolina, the North Carolina Cooperative Extension Service, the North Carolina Forestry Association, and the Western North Carolina Arboretum. The purpose of the meeting was to organize support for a facility designed to

demonstrate Appalachian silviculture techniques to a variety of potential users. Examples include State foresters, consultants, extension service people, woodland owners, and the general public.

The cooperators left the session agreeing to support the establishment of the Bent Creek Demonstration Forest as well as the acquisition of a full-time Forest Service employee to plan and manage the project. Don Beck has submitted a position description to Personnel, and it is now being processed through Outreach.

The cooperators expect to meet again in November to sign a memorandum of understanding, which is currently undergoing final revisions.

COMMUNICATIONS WORKSHOP

Atlanta, GA — A group of employees from the Athens Forestry Sciences Laboratory recently attended a one-day career development workshop designed especially for the Forest Service by Janet Stone, a nationally known authority on workplace issues. The emphasis of the workshop was on communications and public speaking. According to Dr. Paula Spaine, Research Plant Pathologist with Diseases of Southern Pine Plantations and Seed Orchards, "We all found the workshop very rewarding, mainly because we were encouraged to participate actively throughout the session."



Attending the one-day communications workshop in Atlanta, left to right: Marilyn Howard, Helen Plymale, Kathy Kellum, Ginger Rutherford, Jennie Parham, and Mary Williams.



John Nelson

TECHNOLOGY TRANSFER AT STATION HEADQUARTERS

Asheville, NC — Using a treatment recommended by Forest Pest Management, John Nelson from Engineering sprinkles borax on the stump of a recently cut eastern white pine at Station Headquarters. Borax kills the airborne spores of the *Heterobasidion annosum* root fungus, a disease

that has caused serious conifer damage for several decades. If left untreated, this stump can serve as an exposure route for the annosus spores, which travel through grafted root systems to adjacent pines of the same species.

PROCUREMENT CLERK TURNS TECHNICAL EDITOR

Asheville, NC — Frances Payne has always had an interest in writing. A former English teacher, she is earning a Master's degree at night, while working as a clerk-typist in the Contracting, Procurement, and Property Section by day. So when the opportunity — in the form of a detail to the Klamath National Forest — presented itself, Frances decided to try her hand at technical editing.

In early May, Frances headed for Yreka, CA, where she spent nearly four months working on the publication of an environmental impact statement for the Grider fire recovery project. Her job was to take segments from numerous authors and to merge them into a single document that adheres to government and professional standards for syntax, grammar, clarity, and style. In addition, she and her co-editor were responsible for creating original writing on nearly 25% of the document — such elements as the preface, a history of the Grider fires, the abstract, an explanation of acronyms, and portions of chapters outlining the affected environment and the impacts of proposed alternatives.

The hours were long and the work was challenging, but Frances is now back in Asheville with a successful detail under her belt, and happy memories of life in "laid back" California.

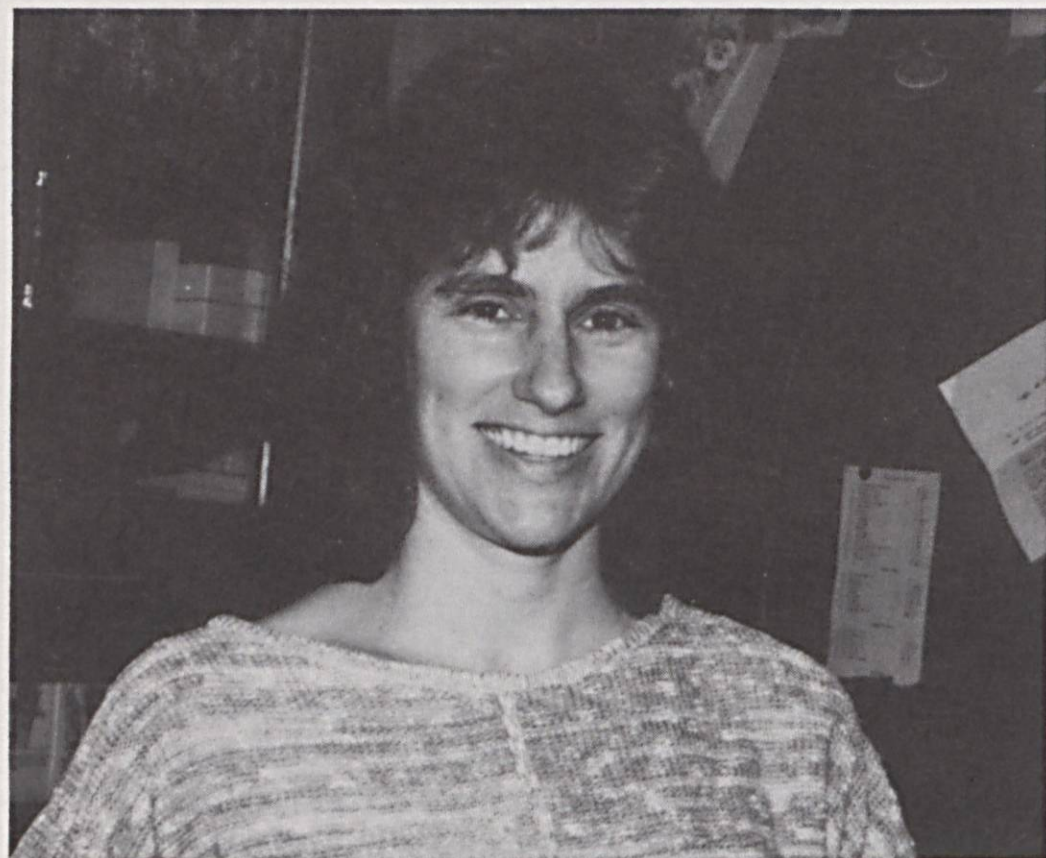


Forest Service employees with State Representative, Eleanor Richardson, at an Older Workers Job Fair in Athens. Left to right, front row: Fred Nebrig, Carol Williams, Marvin Curry, Oscar Hughes, James Collier, Mary Cotton, Sara Hardy, Rep. Richardson, Gladys Everhardt, Jamie Mitchell, Josephine Randall, David Nelson. Back row: Jennie Parham, Frances Brookshire, Lucile Cartwright, Margaret Kinnaman, Morris Wilkinson, Margaret Mende, Alice Pettit, Mamie Wiggins, Callie Brown, Martha Walker, Lois Johnson, Ann Heiges, Patsy Poss.

A SAD AND FOND FAREWELL

Athens, GA — On August 12, the Athens Forestry Sciences Laboratory held a farewell luncheon in honor of Dr. Jane Barrows-Broadus, who is leaving the Diseases of

pitch canker, fusiform rust, biological control, and urban forestry. She will be sorely missed by her friends and associates at the Athens lab.



Southern Pine Plantations and Seed Orchards project team to chair the Math and Science Department at Brenau College.

A Forest Service employee for 12 years, Jane has contributed to many areas of pathology research, including

PERSONNEL ACTIONS

Promotions:

- Catherine Deal, Acct. Technician, Asheville
- Carroll Farmer, Maintenance Worker, Asheville
- Linda Heatherly, Supv. Statistical Asst., FIA, Asheville
- Shirlea Johnson, Forester, FIA, Asheville (Field)
- James Richmond, Research Entomologist, Raleigh
- George Thornton, Forester, FIA, Asheville (Field)
- Ruth Walpole, Voucher Examiner, Asheville

Reassignment:

- James Compton, Forestry Technician, FIA, Asheville (Field)
- Darla Miller, Forestry Technician, Clemson
- Carol Milosch, Mail Clerk, Asheville
- James Saveland, Research Forester, Macon (with promotion)

PUBLICATIONS

Call Allen Thomas, (704) 257-4392, or DG to H.Thomas:S29A.

Hooper, Robert G. Longleaf pines used for cavities by red-cockaded woodpeckers. *Journal of Wildlife Management* 52(3):392-398; 1988.

Lennartz, Michael R.; Metteauer, Joe Dean. Test of a population estimation technique for red-cockaded woodpeckers. In: Eversole, Arnold G., ed. *Proceedings, 40th annual conference Southeastern Association Fish and Wildlife Agencies*; 1986 November 20-23; Baltimore, MD. Southeastern Association Fish and Wildlife Agencies; 40:320-324.

McMinn, James W.; Nutter, Wade L. Season and intensity of whole-tree harvesting influence regeneration in the oak-pine type. *Canadian Journal of Forest Research* 18:669-674; 1988.

Powers, H.R., Jr.; Stone, D.M. Control of tip moth by carbofuran reduces fusiform rust infection on loblolly pine. Res. Pap. SE-270. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 1988. 4 pp.

Pye, John M. Impact of ozone on the growth and yield of trees: A review. *Journal of Environmental Quality* 17(3):347-360; 1988.