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Anne Buckelew Cumming, Editor
 Donna M. Murphy, Staff
 USDA Forest Service
 Northeastern Area
 State & Private Forestry
 Morgantown, WV 26505



Urban Projects

From the Morgantown Field Office, USDA Forest Service
Serving the Mid-Atlantic States

WEST VIRGINIA TO HOST STUDENTS FROM ACROSS THE UNITED STATES AND CANADA AT 2004 CANON ENVIROTHON – NORTH AMERICA PROGRAM

Kevin Pauley, WV Envirothon Media Co-Chair



Fifty-one teams representing students from across North America will converge at West Virginia Wesleyan

College in Buckhannon to learn more about our environment and test their knowledge in five subject areas. Topics covering Wildlife, Aquatics, Soils, Forestry, and Current Environmental Issues will give the students from 9th to 12th grades a chance to apply the lessons they have learned in their classrooms to a real-world setting during the 2004 Canon Envirothon – North America Program. West Virginia has the honor of hosting the event, which will be held July 26 – August 1, 2004.

Each year, the Canon Envirothon features a different current environmental issue for station testing. This year's current issue is "Natural Resource Management in the Urban Environment." By studying about urban forests, soils, water, and wildlife for the 2004 Canon Envirothon, students will (1) gain awareness of the social,

environmental, and economic values and benefits of urban natural resources; (2) investigate the issues surrounding the utilization, management, and protection of these resources; and (3) develop an understanding of how properly managed urban natural resources can provide an attractive and healthy green infrastructure for our communities.

(Cont. on page 7)

USDA FOREST SERVICE AWARDS MORE THAN \$1.1 MILLION IN URBAN AND COMMUNITY FORESTRY GRANTS

WASHINGTON, June 15, 2004—Agriculture Secretary Ann M. Veneman announced \$1,155,756 in Federal grants to 14 organizations for our Nation's urban and community forests. The organizations will match those funds with an additional \$1,666,135 for research and education projects for urban forests.

"These grants will help fund programs to improve the quality of the environment and the quality of life in our urban communities," said Veneman. "They will also help promote the ecological, economic, and social values of healthy urban and community forests."

Recipients of the cost-share grants were selected in a competitive process, based on criteria developed by the National Urban

and Community Forestry Advisory Council (NUCFAC). The council reviews the proposals and makes recommendations to the Forest Service, which awards the grants.

Recipients in the mid-Atlantic region (and Virginia) include: (for a full list of recipients, logon to: www.treelink.org/nucfac).

Plants for a Livable Delaware (University of Delaware, Newark, Delaware) – Total grant amount \$86,595.

The Return of American Elms to America’s Main Street: A Teachable Moment for Urban Forestry Consciousness and for our Inner Cities (Community-Based Communications, L.L.C., Cheverly, Maryland) – Total grant amount \$86,000.

Big Trees = Big Values (American Forests, Washington, DC) – Total grant amount \$79,200.

The Effects of Pruning on Wind Loading and Stability of Shade Trees (Virginia Polytechnic Institute & State University, Blacksburg, Virginia) – Total grant amount \$109,933.

Development of a Green Infrastructure Technology that Links Trees and Engineered Soil to Minimize Runoff from Pavement (Virginia Polytechnic Institute & State University, Blacksburg, Virginia) – Total grant amount \$302,750.

NA NEWS FROM THE NORTHEASTERN AREA

FORESTRY IN THE INNER CITY: FORUM TO SHARE IDEAS AND SUCCESS

The USDA Forest Service, Northeastern Area, will be hosting a 1-day forum in Pittsburgh, August 7, for recipients of Forest Service/State “Inner City Grants.” This project emphasis by the USDA Forest Service over the last 2-years has focused on increasing canopy cover in older, residential areas of larger cities. Current and past grant recipients will share successes and challenges faced in delivering program services in our most populated areas in the Northeast, Midwest, and mid-Atlantic regions. Sponsors and hosts of the forum include the Nine Mile Run Watershed Association, the International Society of Arboriculture, and the Pennsylvania Urban and Community Forestry Council, as well as the USDA Forest Service. For more information, contact Phil Rodbell at prodbell@fs.fed.us.

BUILDING EFFECTIVE PARTNERSHIPS: WORKSHOPS SLATED FOR THE NORTHEASTERN AREA

Improving the visibility of urban forestry as a public benefit will be the focus of this 1-day workshop. Participants will learn and share techniques that can be used at the state and local level to set public policy, improve visibility of urban forestry programs, and develop new and creative partnerships. Through lectures from nationally recognized natural resource leaders, group exercises, and local case studies, participants will gain insight on effective methods for increasing the profile of urban and community forestry programs. For more information, contact Phil Rodbell at prodbell@fs.fed.us.

FOREST SERVICE RECOGNIZES SOMERSET COUNTY TECHNOLOGY CENTER



On May 27, Chuck Reger and John Hazel attended a ceremony at the Somerset County Technology Center in Somerset County, Pennsylvania, to recognize the efforts of students and faculty in preparing sites and planting trees as part of the Legacy Groves of Somerset County, a Living Memorial Project creating living memorials to the victims of terrorism, their families, and communities tied to the events of September 11, 2001. Hazel and Somerset County Commissioner Pam Tokar-Ickes presented certificates and plaques to 19 students and 3 faculty members who established the sites at the Somerset County Technology Center and the Volunteer Fireman’s Training Center. Tom Grote, Conemaugh Valley Conservancy, introduced Hazel and Tokar-Ickes. He accompanied Reger and Hazel to inspect the Living Memorial sites and to visit the Flight 93 Memorial site near Shanksville. The USDA Forest Service, under the direction of Congress, is supporting these Legacy

Groves with grant money to support the Living Memorials Project in communities affected by the September 11, 2001, terrorist attacks.

FOREST SERVICE RESEARCH STATION LAUNCHES NEW RESEARCH DATABASE

The Forest Service is pleased to announce the launching of Treesearch, a new database that allows access to Forest Service research publications online.

With Treesearch, customers can locate and download agency-authored or sponsored publications, including those in journals, books, and conference proceedings. The research results have been peer reviewed to ensure the highest quality science. The publications in Treesearch can be accessed from www.treesearch.fs.fed.us or any of the Research Stations. The database supports searches by author, keyword, originating organization, or date; and returns the abstract and, if selected, the full text of the publication, including tables, figures, and citations.

NEWS FROM THE MID-ATLANTIC STATES

Delaware:

NEW STUDY OF URBAN FOREST IMPACT ON WATER QUALITY AND CSO REMEDIATION ANNOUNCED

The Delaware Center for Horticulture (DCH), Wilmington Department of Public Works, Delaware Forest Service, and New Castle County Department of Land Use have announced a study on the impact of the Wilmington area's forest canopy on air and water quality and the city's combined sewer overflow (CSO).

The \$50,000, 2-year study uses the Urban Forest Effects (UFORE) model pioneered by Dr. David J. Nowak of the USDA Forest Service Northeastern Research Station in Syracuse, New York. The model is designed to use standardized field data to quantify urban forest structure and effects, including, among many possibilities, the forests' effects on air quality and energy use. The DCH research team will use UFORE to conduct a tree canopy and land use study of the Wilmington area, as has been completed in other cities. In addition, with the assistance of Dr. Nowak, the Wilmington study will test and analyze the effects of the urban forest on water quality and quantity. The study will produce comprehensive data about the forest canopy and the effects of the urban forest on stormwater runoff that will be incorporated into the Geographic Information Systems (GIS) used by the project partners. The study may also establish a direct link between protection and expansion of the urban forest and water quality improvements mandated by the Federal Clean Water Act. This component will relate the value of the urban forest directly to the city's CSO needs and will serve as a model to evaluate and plan for tree plantings as a mitigation solution to stormwater overflow 'hot spots.' Along with the city, New Castle County is also providing funding support to help complete the study and communicate the results and findings so that understanding of urban planting may reach new audiences, such as engineers and developers. The

Delaware Forest Service, which supports many of DCH's community forestry efforts in the Wilmington area, is also providing funding support and technical assistance with data collection and communicating the results to other State agencies.

District of Columbia:

ARBOR DAY COMMEMORATED

Washington DC, commemorated Arbor Day by holding a tree planting event and ceremony at Banneker Community Center across from Howard University. This event celebrated the planting of over 8,000 trees in the District over the last 2 years. The District also celebrated its 14th year as Tree City USA as well as its designation as a Growth Award recipient. The collaboration of partners included DDOT's Urban Forestry Administration (UFA), DC Parks and Recreation, Casey Trees Endowment Fund, and Green Spaces for DC. Over 40 trees were planted in and

around the park and awards were given to the Arbor Day Poster Contest winners.



Ainsley Caldwell, DC State Forester, and Dan Tangherlini, DDOT Director, with First Place Tree City USA poster winner Jessica Hernandez showing off DC's accomplishments: Tree City USA Award and Tree City USA Growth Award.

Some of those in attendance included: Dan Tangherlini, DDOT; Ainsley Caldwell, DDOT-UFA; Mark Buscaino, USDA Forest Service; and Jim Lyons, Casey Trees.

DISTRICT OF COLUMBIA TREE REGULATIONS REPUBLISHED FOR COMMENTS

On Friday, April 30, the DC Register republished the proposed Department of Transportation regulations implementing the Urban Forest Preservation Act for a further 30-day comment period, expiring June 1. The proposed regulations are available on the Office of the Secretary's Web site (os.dc.gov), Office of Documents, DC Register).

After comment and approval by the Council, a permit will be needed for a property owner to remove a nonhazardous tree with a circumference larger than 55 inches at a height of 4.5 feet. The more important changes are that permits will be valid for 180 days, rather than 60 days originally proposed, and that replacement trees be planted no later than 7 months after tree removal or after construction is finished, rather than the original 6 months.

For more information, contact Mariclaire McCartan, Department of Transportation, Urban Forestry Administration, 4901 Shepherd Parkway, SW, Washington, DC 20032-5215, mariclaire.mccartan@dc.gov.

Maryland:

BRANCHES—BUILDING RESOURCES AND NURTURING COMMUNITY HEALTH & ENVIRONMENTAL STEWARDSHIP—YOUTH FORESTRY PILOT PROJECT

The BRANCHES Program is a collaboration between the Baltimore City Department of Recreation and Parks and the Parks & People Foundation through their Urban Resources Initiative (URI) Program. BRANCHES will address two vital needs in Baltimore City – the need for meaningful employment and career opportunities for economically disadvantaged youth, and the need for more resources to care for our signature parklands.

BRANCHES is a pilot project of the URI Program to develop a youth training and summer job program for park forestry and maintenance in Baltimore's most visible public parks. The program will provide economically disadvantaged youth with training and employment experience to develop useful job skills that lead to long-term opportunities in tree-care related professions. The program will also meet immediate and long-term maintenance needs in Baltimore's urban parks and forests, and will help Recreation and Parks develop

well-trained and skilled people to fill open entry-level positions.

The BRANCHES Program will employ 35 high school students in 7 teams, each led by a graduate or advanced undergraduate student. Youth will be employed through the Baltimore City YouthWorks Program, and the Department of Recreation and Parks will serve as their worksite. Youth will also learn about educational and career opportunities in the fields of park management and urban forestry. They will have the opportunity to meet and learn from professionals in park management and urban forestry fields through demonstrations and mentoring opportunities led by staff from Recreation and Parks, Parks & People, BES, and other organizations. At the end of the summer program, youth will be certified in a set of job skills in park maintenance and tree care, which could lead to long-term job and career opportunities in Recreation and Parks as well as with private tree-care companies.

TAKING INVENTORY OF MARYLAND'S FORESTS USING SATELLITE IMAGERY

Maryland Added to U.S. Forest Service's Annual Tree Survey

Maryland DNR

ANNAPOLIS, MD — The Maryland Department of Natural Resources Forest Service announced that the USDA Forest Service has launched a new system for taking inventory of Maryland's forests. The system, which uses satellite imagery, will be conducted annually and will provide better data to guide conservation.

The former system relied on periodic measurements taken in 10- to 13-year cycles. Maryland's most recent periodic inventory, conducted in 1999, showed that the State had 2.6 million forested acres, a loss of more than 100,000 acres since 1986. Five USDA Forest Service inventories reveal that Maryland's forests have been contracting since the 1960s.

"Losing forested land is a major issue here," said Forest Service Director Steven W. Koehn. "This new inventory approach will give us the reliable and timely data we need to assess how development continues to affect our forest resources." The annual inventory will measure characteristics such as forest area, number of trees, timber volume, wildlife habitat, tree biomass growth, and changes in the State and its counties.

"We want to better understand the entire forest ecosystem," said Dr. Charles Scott, manager of the Forest Inventory and Analysis (FIA) Program at the USDA Forest Service's Northeastern Research Station in Newtown Square, Pennsylvania. "In addition to timber data, the survey will provide information to assess the condition of wildlife habitat, plant diversity, fuel and potential fire hazard, and mortality caused by insects and disease."

The inventory will be conducted in three phases. The first uses satellite imagery to classify the land. In the second phase, ground crews take tree and site measurements at sample locations. These measurements are then combined with the satellite imagery to provide reliable statewide and county information annually. In the third phase, resource analysts examine some of these areas in greater detail to learn more about forest health.

DNR CHARGES UNLICENSED TREE CARE PRACTITIONERS

Maryland DNR

ANNAPOLIS, MD —John Stanley Oganowski of National Tree Service in Pasadena was charged in Harford County District Court on April 18 with operating a tree-expert business without a license. The charge was a result of an anonymous complaint.

The Department of Natural Resources (DNR) Forest Service conducted an investigation after complaints about tree-care services performed by National Tree Service for seven clients in Bel Air, Fallston, and Abingdon in 2003.

In a separate case, Robert McClung of Appalachian Tree East, Inc., in Baltimore was found guilty in Baltimore County District Court on April 18 of operating a tree-expert business without a license and of false advertising or soliciting business as an unlicensed tree expert.

The Department of Natural Resources (DNR) Forest Service conducted an investigation after a Catonsville resident complained about an incident last October. The complainant alleged that McClung took a \$75 deposit for tree-care services but performed no work and did not refund the deposit.

Any tree-care professional who wishes to practice in Maryland must obtain a license. Without a license, advertising tree-care services and practicing in the State are prohibited.

ROCKVILLE TREE PROJECT CONTRIBUTES TO BAY HEALTH

The purpose of the Rockville Tree Project (RTP) was to plant trees along city streets to help shade roadways and beautify neighborhoods, stream valley buffers, city parks, and other public areas to help improve the environmental quality of local neighborhoods as well as to help protect and restore the health of the Chesapeake Bay.

This project demonstrates how citizens working with government can effect change where they live. Joe Morra, a Rockville resident, spearheaded the RTP to give residents the opportunity to raise funds to help plant

trees in their city. He worked with the mayor and council, various city departments, and the Maryland Forest Service TREE-MENDOUS MARYLAND Program to organize and accomplish this project.

Joe Morra solicited funding for the RTP and received a \$2,000 grant from the Chesapeake Bay Trust, a \$250 grant from the Maryland Environmental Trust, \$1,000 from a local citizen who strongly supported the project, and dozens of individual contributions from Rockville residents using the DNR Forest Service TREE-MENDOUS MARYLAND *Gift of Trees* card. The goal of \$10,000 was raised, and a matching \$10,000 from the USDA Forest Service was granted. Planting of the 296 trees began on Maryland's Arbor Day in April 2003, and was completed on Earth Day 2004.

New Jersey:

NEW JERSEY FOREST SERVICE GATHERS INVENTORY DATA IN URBAN AREAS ACROSS STATE

As part of a national pilot project, the New Jersey Forest Service, in partnership with the USDA Forest Service Northeastern Area, Northeastern Research Station, Washington Office Forest Health Monitoring, and Forest Inventory and Analysis, is gathering inventory data in urban areas across the State. The pilot project will collect data on plots classified as 'nonforest' by the Forest Inventory and Analysis Program. These plots also occur within census-defined urban areas. The results of these data will be combined with the forested Forest Inventory and Analysis data to give a complete picture of the structure and condition of New Jersey's urban forest. Other pilots have been completed in Wisconsin and Indiana.

New Jersey Forest Service Interns Brian Widerner, a forestry major from Northern Arizona University, and Nichole Welsh, a recent Rutgers University Landscape Architecture graduate, are collecting field data on 65 Forest Health Monitoring plots this summer.

Ohio:

MONTPELIER OHIO HOSTS STATE ARBOR DAY CELEBRATION

Stephanie Miller, Ohio DNR

Montpelier, Ohio, graciously opened its doors to Tree City USA communities for a day of relaxed celebration. The event opened with a welcome from Mayor Steve Yagelski that highlighted the wonderful achievements of his town. After a welcome by Ohio Division of Forestry Chief John Dorka, Amy Stone, Lucas County Extension Agent, brought everyone up to date on the latest with the emerald ash borer. Right before lunch, Ottawa Administrator Jeff Loehrke brought down the house with

his very entertaining introduction to their tree-care program. After a delicious barbeque lunch (complete with homemade pie and ice cream), the Montpelier High School show choir serenaded the group with a medley of songs from the musical Hairspray.

Pennsylvania:

ELM STREET PROGRAM PROMOTES STREETScape IMPROVEMENTS

The Pennsylvania Department of Community and Economic Development announced a new grant program this spring. The Elm Street Program will be an integration of a downtown revitalization program with a neighborhood revitalization program and builds off the "Main Street" Program model. Municipalities, redevelopment authorities, nonprofits, and improvement districts are eligible to apply for grants to support planning (\$50,000 in year one), operational costs for an Elm Street Manager (up to \$50,000 for years two through five), and physical improvements, including streetscape plantings, building improvements, and infrastructure (\$250,000 maximum). For more information, visit the Pennsylvania Department of Community and Economic Development at <http://www.inventpa.com>.

PA STATE UCF COORDINATOR BEGINS NEW POSITION

The Pennsylvania Department of Conservation and Natural Resources is pleased to announce that Seth Cassell reported this June as the new Pennsylvania Urban and Community Forestry Coordinator. Seth has a Master of Science degree in Forest Resources and a Bachelor of Arts degree in Journalism with a minor in



Wildlife and Fisheries from Penn State University. Prior to joining the ranks of UCF, Seth worked as a PA DCNR Service Forester with the Gallitzin District and as a State Forest Management Forester on the Gallitzin State Forest. He has worked as a freelance writer for more than 10 years. He boasts an extensive military career with the Pennsylvania Air National Guard 193rd Special Operations Wing, is a trained pilot, and worked as an aircraft mechanic during OPERATION FREEDOM in 2002. He enjoys fly fishing, playing guitar, woodworking, and many outdoor sports. Seth currently lives in Halifax, Dauphin County, Pennsylvania, with his wife Amy. They are expecting their first child in November.

NE PENN URBAN AND COMMUNITY FORESTRY PROGRAM TO DEVELOP INTERACTIVE WEB SITE IN PARTNERSHIP WITH KEYSTONE COLLEGE

Funding from the Northeastern Pennsylvania (NEPA) Urban and Community Forestry Program is supporting the development of an interactive Web site that promotes the accomplishments of the NEPA Urban and Community Forestry Program and increases accessibility to case studies of projects, technical resources, and regional data from within the project area. A major accomplishment of the program has been the use of nontraditional partners to complete on-the-ground improvements. Since 1995, projects have involved more than 2,000 partners to complete 183 planting, risk assessment, and reclamation-based projects in strip mined areas and parks; along highways, trails, and river corridors; in downtown districts, neighborhoods, and schools; and at tourist attractions. The development of the site will increase the visibility of the program's presence at Keystone College and raise public awareness of the PA Urban and Community Forestry Council, the PA DCNR Urban and Community Forestry Program, Penn State Cooperative Extension, and the USDA Forest Service on a local, regional, statewide, and national level. Information can be obtained by contacting Lynn Conrad, Program Administrator, at: nepaurbanforestry@keystone.edu.

West Virginia:

WEST VIRGINIA HOME TO 3RD PLACE WINNER OF NATIONAL ARBOR DAY FOUNDATION'S POSTER CONTEST

Leslie Fitzwater, WV Division of Forestry

The West Virginia Division of Forestry and the National Arbor Day Foundation held an award ceremony for Rebekka "Jordy" Howard on April 29, 2004, at Collins Middle School in Oak Hill, West Virginia. Miss Howard placed 3rd in the National Arbor Day Poster Contest and is the first West Virginian to receive such an honor. Miss Howard's poster, depicting the contest theme, "Trees are Terrific... in Cities and Towns," won 1st place in the West Virginia Arbor Day Poster Contest before being entered into the national contest.

Michelle Saulnier-Scribner from the National Arbor Day Foundation and State Forester Randy Dye presented Miss Howard with certificates of recognition. Saulnier-Scribner also awarded her with a U.S. Savings Bond. A tree will be planted in Miss Howard's honor at the school. Miss Howard will also receive a framed copy of her winning poster.

MOUNTAINEER TREEWAYS REST AREA PLANTINGS

Andy Sheetz, WV Division of Forestry

Two volunteer groups have selected rest areas in which to plant tree seedlings from the Mountaineer Treeways Program. The Urban and Community Forestry Council planted 35 trees at the northbound Meadowbrook Rest Area on Interstate 79. The National Institute for Occupational Safety and Health Effects Laboratory Division (NIOSH), located in Morgantown, planted 25 trees at the Hazelton Rest Area on Interstate 68 near the West Virginia and Maryland borders. A third group, Buffalo United Methodist Church, planted trees at a weigh station along Interstate 64 outside of Hurricane, West Virginia. This is the second year that Gary Dyer, WV Division of Highways, has partnered with the State's Division of Forestry to plant trees.



West Virginia Urban and Community Forestry Council volunteers helped plant 35 trees at a rest area on Interstate 79 this spring.

3RD ANNUAL MID-OHIO VALLEY TREE COMMISSION GATHERING

The 3rd Annual Mid-Ohio Valley Tree Commission Meeting was held in Parkersburg, West Virginia, on March 10, 2004. The informal and informative meeting included tree commission members from Parkersburg, Morgantown, and Lewisburg, West Virginia, as well as Marietta, Belpre, Crooksville, and Portsmouth, Ohio. The mayors from Parkersburg, Crooksville, and Belpre joined the discussion, as did many city employees from a variety of departments, including Planning Director, Public Works Director, Economic Development; Safety Officer, Zoning and Planning Officer, and Public Service Director.

Each city was able to present their urban forestry issues, successes, and challenges to the group. All of the cities attending have been awarded Tree City USA status for their programs. Achievements shared with the group included many successful inventories, arboreta established and maintained, and contract arborists hired.

Many accomplishments have been the result of grants awarded through the States. These grants include WV Division of Forestry Demonstration City and Inner City Grants (both are a pass-through of USDA Forest Service UCF program dollars), block grants, and Ohio's Bicentennial Tree Planting Grants. Challenges faced by the tree commissions included limited funding, both at the city and State level, maintaining tree health through pruning and removals as needed, encouraging interest and involvement by leaders of local government units, and threats to community trees caused by insects and diseases.

Dr. Brent Bailey, Ph.D., WV UCF Council & Morgantown Tree Board, commented that although urban forestry may be a hard "sell" in West Virginia, our cities face the same urban woes and issues as larger cities in more populated States.

WV to Host (Cont. from page 1)

The teams are made up of five students and will be competing for major college scholarships and prizes from Canon. The tests the students will take involve a hands-on, outdoors approach as the teams find themselves deep in a soils pit, walking through forests, down by the side of a stream, and up close and personal with pelts, skulls, and tracks of West Virginia's wildlife. This year marks the largest competition yet and brings teams from as far west as Alaska, as far east as Maine, as far south as Texas, and as far north as Manitoba. They will all stay at West Virginia Wesleyan and will have a chance to experience the beauty of the Mountain State as they tour such places as Canaan Valley and Blackwater Falls.

MID-ATLANTIC CENTER FOR URBAN AND COMMUNITY FORESTRY AT KEYSTONE COLLEGE

Donna Murphy, Center Coordinator, USDA Forest Service

REGIONAL URBAN TREE RISK TRAINING SUCCESSFUL

On May 25-26, more than 80 professionals from throughout the mid-Atlantic participated in an Urban Tree Risk Training workshop hosted by the University of Maryland, Department of Natural Resource Science & Landscape Architecture. Tod Ericson, Urban and Community Forestry, Maryland DNR Forest Service, took the lead in developing the workshop, which built on a similar workshop hosted in the Midwest last September. Speakers from throughout the mid-Atlantic States and the USDA Forest Health Protection Program discussed designing community tree risk programs, methods for calculating probability of risks, and the legal definition of "reasonable care." The remainder of the sessions focused on diagnostic care, including a



Dr. Tony Mucciardi demonstrates the use of the TreeRadar Unit. Tod Ericson (MD FS) and Kevin Brown (UMD, assess campus trees as part of the risk assessment field exercises.

description of a 10-step method for rating risk and indepth instruction on using risk assessment freeware with handheld computers. The workshop culminated with field exercises and a demonstration of the new TreeRadar Unit, developed by Environmental Scientist Dr. Tony Mucciardi.

A CD ROM of training materials and presentations will be available on the MACUCF Web site.



Dr. Bruce Fraedrick injects oak trees in New Jersey in the hopes of finding control methods that can be used to help prevent the loss of mature oaks throughout the mid-Atlantic region.

Phase II of the study supports a second application of control methods on new oaks and continues applications on selected trees in the study. This year, injections were made using a new method being developed by Bartlett Research that uses recyclable, pressurized capsules to reduce injection time and cost. Last year, oaks were treated with oxytetracycline, Cambistat, and ferric ammonium citrate. Since oxytetracycline was the most effective of the three treatments applied last year, the study is currently focusing on oxytetracycline dosage levels and delivery. Oaks being injected for the second year received 5 ml of oxytetracycline for every 2" of DBH and those new to the study received 5 ml or 10 ml for each 4" DBH to compare tree response to dosage levels.

Dr. Bruce Fraedrick, Bartlett Research Laboratory Director; Pam Tappen and Rosa Yoo, Urban Foresters with the New Jersey Forest Service; and interns Brian Widerner and Nichole Welsh assisted in the injection of 56 oak trees. Although flagging was observed in some of the trees injected last year, Dr. Fraedrick reported that last year's higher annual rainfall and this year's cooler spring weather have mitigated the symptoms of the disease temporarily. Monitoring will continue through summer and early fall. Study results and control recommendations will be shared during a regional workshop planned for March 2005 in New Jersey.

BACTERIAL LEAF SCORCH STUDY CONTINUES IN NEW JERSEY

On May 18-19, New Jersey Forest Service staff and Bartlett Research professionals visited five New Jersey communities in a continuation of the bacterial leaf scorch (BLS) study.

NATIONAL ARBORETUM UTILITY NURSERY ESTABLISHED – RESEARCH AND OUTREACH EFFORTS GROW

Construction of the out-planting nursery at the National Arboretum in Washington, DC, is now complete. The arboretum is using state-of-the-art technologies to grow trees developed with greater adaptation potential for planting under utility lines. The new cultivars are being grown to evaluate growth characteristics adaptable to planting under utility wires and tolerance to soil compaction, salt, injury, and air pollution often associated with harsh utility environments in urban areas. Maintenance, as it relates to growth habit under utility wires, will be carefully monitored to ensure that selected trees have the potential to reach maturity without the need for extreme pruning measures so that these trees, when planted, will provide the long-term benefits associated with a healthy urban forest. Trees with growth and cultural characteristics best adapted to urban-utility conditions will be planted and monitored by the DC DDOT Urban Forestry Administration and the Maryland DNR Forest Service.



Scott Acker and John Hammond of the national Arboretum inspect trees in the new out-planting pot-n-pot nursery constructed this spring.

Looking for Urban Forestry Information?

NATIONAL TECHNOLOGY TRANSFER TEAM DEVELOPING NEW TOOL

An integrated planning team (IPT) of the National Technology Transfer Team is facilitating the development of a national, online searchable database that will house descriptions and provide information about urban and community forestry technology transfer products. The focus is not on building a new database of resources, but rather on integrating existing databases. Databases that will be integrated into the database include those at the Southern Center for Urban Forestry Research and Information (Athens, Georgia); Center for Urban Forest Research, Pacific South West (PSW) Research Station (Davis, California); University of Minnesota; and the Mid-Atlantic Center for Urban and Community Forestry (U&CF). TreeLink and the Southern Center will finalize linking technology for Web access to the database through TreeLink's site. The Midwest Center for U&CF and the Southern Center are taking the lead in developing the database.

SOFTWARE SUITE LINKS COSTS, BENEFITS, AND MANAGEMENT

i-TREE is a software suite that is designed to integrate three urban forestry inventory, analysis, and forecasting tools developed by the Forest Service: the Urban Forest Effects Model (UFORE), Mobile Community Tree Inventory (MCITY), and the Street Tree Resource Analysis Tool for Urban Forest Managers (STRATUM). UFORE and STRATUM facilitate urban forest analysis at both an ecosystem and community level, while MCITY provides a platform for street tree management. i-TREE is designed to be a complete software package for urban forest structure, function, and analysis. It provides the capability to generate reports consisting of graphs, charts, and tables that promote sound decisionmaking and management of urban forests. The suite is being developed for municipal foresters, nonprofit tree advocates, commercial arborists, and other urban forestry professionals. The software will enable integration with personal digital assistants and handheld computers. For more information, see <http://www.ufore.org>, <http://umass.edu/urbantree>, or <http://cufr.ucdavis.edu>.

**URBAN AND COMMUNITY FORESTRY MID-ATLANTIC REGION
Calendar of Events, Meetings, and Conferences
August through November 2004**

Also Available Online at:
www.fs.fed.us/na/morgantown/uf/ufcalendar.html

August 2004

- 1 - 6 **Ecological Society of America Annual Meeting. Lessons of Lewis and Clark: Ecological Explorations of Inhabited Landscapes**
Location: Portland, Oregon
Event Type: Meeting **Program:** UCF
Info: Ecological Society of America
Link: <http://www.esa.org/portland/>
- 7 - 11 **Inner City Forum**
Location: Pittsburgh, Pennsylvania
Event Type: Conference **Program:** UCF
Info: Phil Rodbell 610-577-4133
Email: prodbell@fs.fed.us
- 8 - 11 **80th Annual International Society of Arboriculture Meeting**
 Weston Omni William Penn will be the host hotel.
Location: Pittsburgh, Pennsylvania
Event Type: Conference **Program:** UCF
Info: *Link:* <http://www.isa-arbor.org>
- 10 **Ohio Urban and Community Forestry Council Meeting**
Location: Columbus, Ohio
Event Type: Meeting **Program:** UCF
Info: Drew Todd 614-265-6707
Email: drew.todd@dnr.state.oh.us
- 12 **Delaware Urban and Community Forestry Council Meeting**
Location: Smyrna, Delaware
Event Type: Meeting **Program:** UCF
Info: Bryan Hall 302-349-5745
Email: bryan@dda.state.de.us
- 20 **2004 Trenton Seminar: Communication skills, hard science and public policy OR "Forest" is really a verb.**
 Presented by Rutgers Cooperative Extension, New Jersey Forest Service, New Jersey Forestry Association, New Jersey Division of SAF. Continuing forestry education series for forestry professionals.
Location: Trenton, New Jersey

Event Type: Conference **Program:** UCF
Info: NJ Forestry Assoc. 908-996-4734
Email: mkshiarappa@earthlink.net

September

- 1 **Tree Autopsy Workshop**
 Penn State Cooperative Extension and the USDA Forest Service will deliver a workshop that investigates why and how trees have died. Lecture topics include: growth patterns, wood types, CODIT, wound history, decay, and fungi. An outdoor autopsy session will provide the opportunity to observe actual tree autopsies and examine the role fungi play in the decay process. ISA and SAF credits available.
Location: Awbury Arboretum, Philadel, PA
Event Type: Training **Program:** UCF
Info: Julianne Schieffer 610-489-4315
Email: jxs51@psu.edu
- 2 **Promoting Tree Health**
 A workshop that will help community officials and personnel identify insect and disease problems of community trees. Will be held in the Media Room located in the Commons Building of Washington & Jefferson College. Registration \$45.00
Location: Washington, Pennsylvania
Event Type: Training **Program:** UCF
Info: Mark Remcheck, Ext. Urban For. 724-228-6881
Email: Washingtonest@psu.edu
- 8 **Pennsylvania Urban and Community Forestry Council Meeting**
Location: Harrisburg, Pennsylvania
Event Type: Meeting **Program:** UCF
Info: Rachel Billingham 717-783-0385
Email: rbillingha@state.pa.us
- 9 **New Jersey Urban and Community Forestry Council Meeting**
Location: Freehold, New Jersey
Event Type: Meeting **Program:** UCF
Info: Mike D'Errico 609-984-0816
Email: mderrico@dep.state.nj.us

- 9 **Waynesboro Plant Health Workshop, 9th Annual**
9th Annual Waynesboro plant health care for urban trees workshop, "The Future Looks Bright... Better Plant Some Shade".
Waynesboro Country Club and Ridgeview Park. Hosted by The City of Waynesboro, VA. Sponsored by Tree Virginia. CEU's available. Cost: \$85, general registration; \$75 Municipal/non-profit; \$65 Trees Virginia member; \$45 student. Includes breaks, lunch, and technical manual.
Location: Waynesboro, Virginia
Event Type: Conference **Program:** UCF
Info: Becky Woodson 434-977-1375
Email: woodson@dof.state.va.us
Link: <http://www.treesvirginia.org>
- 15 **West Virginia Urban and Community Forestry Council Meeting**
Location: Flatwoods, West Virginia
Event Type: Meeting **Program:** UCF
Info: Bob Hannah (304)367-2793
Email: bhannah@mail.wvnet.edu
- 27 - 29 **MAC-ISA Annual Meeting**
Sheraton West, Richmond, VA
Location: Richmond, Virginia
Event Type: Meeting **Program:** UCF
Info: 703-753-0499
- 28 **Tree Autopsy Workshop**
The New Jersey Forest Service U&CF Program and the USDA Forest Service will deliver a workshop that investigates why and how trees have died. Lecture topics include: growth patterns, wood types, CODIT, wound history, decay, and fungi. An outdoor autopsy session will provide the opportunity to observe actual tree autopsies and examine the role fungi play in the decay process. CEU's TBD
Location: Palmyra Cover Nature Park, NJ
Event Type: Conference **Program:** UCF
Info: Pam Tappen 609-633-7597
Email: pamela.tappen@dep.state.nj.us
Link: [To be provided](#)
- October**
- 2 - 6 **Canadian Institute of Forestry/Institut forestier du Canada and the Society of American Foresters**
Canadian Institute of Forestry/Institut forestier du Canada and the Society of American Foresters Joint 2004 Annual General Meeting and Convention October 2-6, 2004, Shaw Conference Centre, Edmonton, Alberta, Canada
Location: Edmonton, Alberta, Canada
Event Type: Conference **Program:** UCF
Info: *Link:* <http://www.safnet.org>
- 3 - 6 **Society of Municipal Arborists Fall Conference**
The Society of Municipal Arborists will be joining the ISA/RMC for the Fall Conference. The program will highlight partnerships between municipal, State, Federal, nonprofits, and private tree care and research. Topics include the biomechanics of trees, methods of assessing and evaluating tree risk, and urban insects.
Location: Denver, Colorado
Event Type: Conference **Program:** UCF
Info: *Link:* <http://www.urban-forestry.com/gpage.html>
- 4 - 6 **Building for Greener Communities, National Conference**
Preserving, protecting, enhancing, and managing natural and manmade environments. Arbor Day Farm, Lied Lodge and Conference Center. Sponsored by NADF, Firewise Communities, NAHB, APA, ASLA, and APWA.
Location: Nebraska City, Nebraska
Event Type: Conference **Program:** UCF
Info: National Arbor Day Foundation
402-474-5655
Email: conferences@arborday.org
Link: www.arborday.org
- 4 - 25 **Certified Tree Worker/Climber Specialist Course**
Monday and Wednesday evenings. No class on Oct 11 or 13. Offered online or on-campus. 5 classes.
Location: Weyers Cave, Virginia
Event Type: Training **Program:** UCF
Info: Joe Murray 540-453-2349
Email: murrayj@brcc.edu
Link: <http://www1.brcc.edu/murray>
- 21 - 22 **13th Annual Statewide Community Forestry Workshop**
Roftrees Resort. Join nationally and locally recognized speakers to explore the latest in arboriculture and community forestry.
Location: State College, Pennsylvania
Event Type: Conference **Program:** UCF
Info: Dr. William Elmendorf 814-863-7941
Email: wfe1@psu.edu

- 28 **Tree City USA for Your Community**
Benefits and requirements of the Tree City USA Program, including assistance in completing required forms for national recognition. Audience: Municipal managers, tree commissioners, and environmental advisory board members. No cost, but pre-registration is required.
Location: Erie, Pennsylvania
Event Type: Training **Program:** UCF
Info: Scott Sjolander 814-333-7460
Email: sas305@psu.edu
Link: <http://crawford.extension.psu.edu>

- 29 **Tree City USA for Your Community**
Benefits and requirements of the Tree City USA program including assistance in completing required forms for national recognition. Audience: Municipal managers, tree commissioners, environmental advisory board members. No cost, but pre-registration is required.
Location: Mercer, Pennsylvania
Event Type: Training **Program:** UCF
Info: Scott Sjolander 814-333-7460
Email: sas305@psu.edu
Link: <http://crawford.extension.psu.edu>

- 29 - 31 **New Jersey Shade Tree Federation 79th Annual Meeting**
Location: Cherry Hill, New Jersey
Event Type: Meeting **Program:** UCF
Info: Bill Porter 732-246-3210
Email:
njshadetreefederation@worldnet.att.net

- 29 **Certified Tree Worker/Climber Specialist Exam**
Registration must be made through ISA.
Location: Weyers Cave, Virginia
Event Type: Exam **Program:** UCF
Info: Joe Murray 540-453-2349
Email: murrayj@brcc.edu
Link: <http://www1.brcc.edu/murray>

November

- 5 **Where the Roots Hit the Curb Symposium**
This symposium addresses the conflicts between city street trees and hardscape elements such as sidewalks, curbs, and gutters. James Urban, noted landscape architect and urban tree advocate will present the keynote address and highlights of his work to make better places for trees in cities. Sponsors include: City Park Assoc. of Philadelphia, PA Horticultural Society, Morris Arboretum, Urban Ext. Forester, Penn State School of Forest Resources, and the Dept. of Conservation and Natural Resources.
Location: Philadelphia, Center City, PA
Event Type: Conference **Program:** UCF
Info: Mary Anne Hunter 215-732-2313
Email: mahunter@comcast.net
Link: <http://www.cityparksphila.org>

- 10 **Pennsylvania Urban and Community Forestry Council Meeting**
Location: Harrisburg, Pennsylvania
Event Type: Meeting **Program:** UCF
Info: Rachel Billingham 717-783-0385
Email: rbillingha@state.pa.us

The next issue of **Urban Projects** from the Morgantown Field Office will be Fall 2004. Please send articles or events to:
Anne Buckelew Cumming
USDA Forest Service, 180 Canfield Street
Morgantown, WV 26505 or
acumming@fs.fed.us