



# 2012 Annual Report





# **WOOD MAGIC FOREST FAIR**

South Carolina's Wood Magic Forest Fair is a 4-hour program designed to enable fourth graders from across the state to:

- Demonstrate awareness that our society depends on forests for many products we use every day and that these products improve our quality of life.
- Explain the difference between renewable and non-renewable natural resources and apply the reduce-reuse-recycle principles of conservation.
- Recognize that many different management techniques are required to insure long-term sustainability of our forests.
- Describe the many environmental, social, and economic benefits of our forests.

These goals are accomplished through a variety of 25 minute hands-on activities led by forestry professionals from numerous organizations. For a pictorial explanation of each of the 6 learning stations, go to the Wood Magic web site at:

*[www.trees.sc.gov/wmfair.htm](http://www.trees.sc.gov/wmfair.htm)*

## ***HISTORY OF THE WOOD MAGIC FOREST FAIR***

The South Carolina Wood Magic Forest Fair was first held October 18-22, 1999 at Harbison State Forest in Columbia. The program has been an extreme success, with over 27,000 participants in the 14 years since it began. Demand for the program has always exceeded the capacity each year since its inception.

This year's Fair was held at 2 locations: the Piedmont Forestry Center in Tamassee and the Hobcaw Barony Discovery Center in Georgetown. Past programs have also been held at Clemson University's Botanical Gardens and S.C. State University's Camp Daniels, Harbison State Forest in the midlands, Sewee Visitors Center on the coast, as well as in-school programs in the upstate during the 2003 school year.

Today, the WMFF is organized by the S.C. Forestry Commission and financed through donations and grants. Approximately 220 volunteers from the forestry community came together this year to make this natural resource program successful.

# **PARTICIPANT COMMENTS**

*We receive many thank you letters and comments each year from students, teachers, and parents who participate in or as a result of their children attending the Wood Magic Forest Fair. These letters reinforce the quality of the educational efforts the program strives to accomplish. Below is a sampling of a few choice comments:*

## **TEACHERS**

**“There’s nothing I can say I did not like about the Wood Magic Forest Fair. It was all very informative”**

**“Loved it! Parents commented on what a great program it was!!”**

**“Probably one of the top 2 field trips I’ve been on in 11 years of teaching. Staff was terrific!”**

**“This was truly worthwhile.”**

**“Keep doing what you are doing. This is a great program that benefits every child that participates.”**

**“The Wood Magic Forest Fair provided our low socio-economic students a wonderful experience that they will never forget. The students returned to school charged with new information about the forest ready to tell everyone....for most of our children, this was their first time in a forest.”**

**“This was very well run and organized”**

## **STUDENTS**

**“Thank you for the most amazing field trip in the world.”**

**“I think trees are more important than I thought before”**

**“Thank you for inviting us to the Wood Magic Forest Fair. I really enjoyed the activities. I learned lots of things about the forest.”**

**“Thanks for showing us about all the cool things about wood. I learned that every piece of wood is used.”**



# **NUMBER OF PARTICIPANTS**

*Each Spring, every public and private school with a 4<sup>th</sup> grade who is registered with the State Board of Education is sent an invitation to apply to the fall Wood Magic Forest Fair. Applications are scheduled during the summer on a first come- first serve basis, with some consideration given to those schools that have never attended and previous records of attendance and participation.*

## **Fall 2012 school year participation**

<b>Location</b>	<b>#Applications Received</b>	<b>#Classes Applied</b>	<b>#Classes Attending</b>	<b>#Children Attending</b>	<b>#Teachers &amp; Other Adults</b>	<b>Total # of Participants</b>
<b>Piedmont</b>	<b>14</b>	<b>46</b>	<b>23</b>	<b>462</b>	<b>80</b>	<b>542</b>
<b>Hobcaw</b>	<b>13</b>	<b>40</b>	<b>19</b>	<b>396</b>	<b>68</b>	<b>464</b>

*Here are the statistics for the past 14 years of Wood Magic:*

## **Cumulative Totals (14 years of Wood Magic)**

<b>Location</b>	<b>#Applications Received*</b>	<b>#Classes Attending</b>	<b>#Children Attending</b>	<b>#Teachers &amp; Other Adults</b>	<b>Total # of Participants</b>
<b>Piedmont (2004-2010, 2012)</b>	<b>152</b>	<b>193</b>	<b>3,574</b>	<b>570</b>	<b>4,144</b>
<b>Upstate (in-school) (2003)</b>	<b>92</b>	<b>32</b>	<b>744</b>	<b>37</b>	<b>781</b>
<b>Clemson (2002)</b>	<b>90</b>	<b>38</b>	<b>756</b>	<b>228</b>	<b>984</b>
<b>Camp Daniels (2001)</b>	<b>43</b>	<b>43</b>	<b>786</b>	<b>172</b>	<b>958</b>
<b>Harbison (1999-2011)</b>	<b>1,233</b>	<b>535</b>	<b>9,866</b>	<b>2,012</b>	<b>11,878</b>
<b>Sewee (2000-2010)</b>	<b>483</b>	<b>348</b>	<b>6,984</b>	<b>1,392</b>	<b>8,376</b>
<b>Hobcaw (2012)</b>	<b>13</b>	<b>19</b>	<b>396</b>	<b>68</b>	<b>464</b>
<b>Totals (Since 1999)</b>	<b>2,106</b>	<b>1,208</b>	<b>23,106</b>	<b>4,479</b>	<b>27,585</b>

*\*NOTE: In 2004 an improved system of taking applications only from schools, not individual teachers, began reducing the number of applications that were received. In 2010, applications were received for the Piedmont, Sewee, and Harbison events, but only the Harbison event was held.*

# 2012 SCHOOLS

## Piedmont Forestry Center

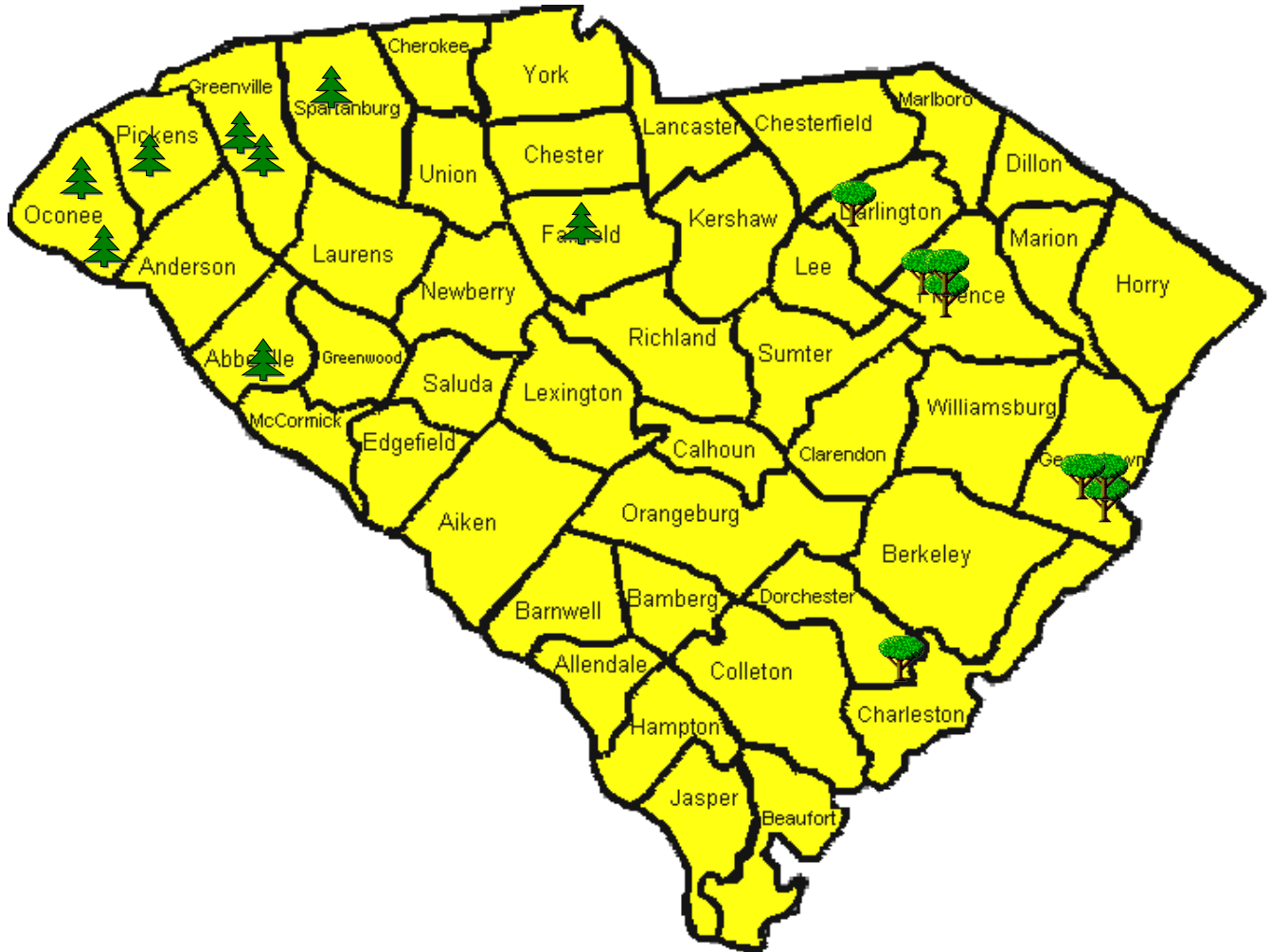
<u>SCHOOL</u>	<u>CITY</u>
Albert R. Lewis Elementary	Pickens
Arcadia Elementary	Spartanburg
Diamond Hill Elementary	Abbeville
Kelly Miller Elementary	Winnsboro
Lake Forest Elementary	Greenville
Northside Elementary	Seneca
Southside Christian	Simpsonville
Tamassee-Salem Elementary	Tamassee

## Hobcaw Barony Discovery Center

<u>SCHOOL</u>	<u>CITY</u>
Carolina Elementary	Hartsville
Henry Timrod Elementary	Florence
Kensington Elementary	Georgetown
Lester Elementary	Florence
McDonald Elementary	Georgetown
Montessori School of Florence	Florence
Plantersville Elementary	Georgetown
Summerville Catholic	Summerville



# SCHOOL LOCATION MAP



**Locations of Schools attending at the Piedmont Forestry Center event**



**Locations of schools attending at the Hobcaw Barony Discovery Center**

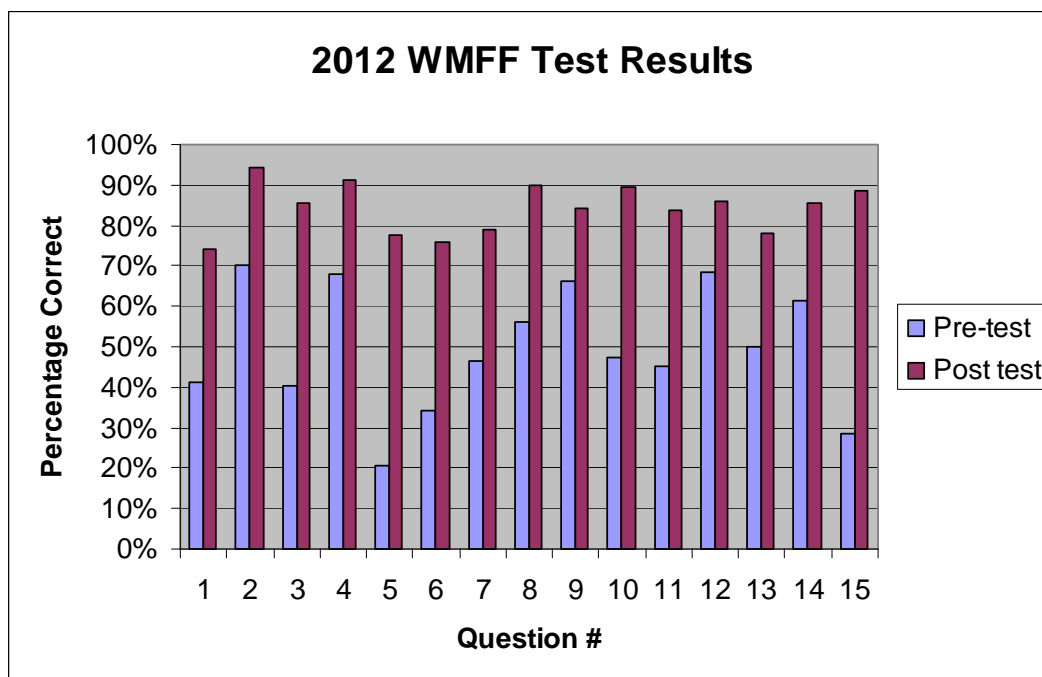
# **KNOWLEDGE GAINED**

*South Carolina's Wood Magic Forest Fair is a comprehensive environmental education program that is correlated to state curriculum standards in science and language arts. To help measure the effectiveness of this program, teachers were asked to administer a pre-test to the students before they attended Wood Magic and a post-test afterward. The results of these tests were then compiled and examined to determine the educational success of Wood Magic. The following is a summary of those results:*

- ★ Before the program, only 41% of the students understood that the U.S. has more forests today than it did 100 years ago. After the program 74% of the students knew this to be true. This is a major gain in the awareness of the sustainability of our forests.
- ★ 94% of the students now recognize that trees are a renewable natural resource.
- ★ Before they attended the WMFF program, 20% of the students thought that the major reason to recycle paper was to save landfill space. Afterward, 78% of the students recognized that the primary goals in recycling are to save landfill space and reduce waste.
- ★ 79% of the students now recognize that more trees are planted each year in South Carolina than are harvested.
- ★ Before coming to Wood Magic, only 34% of the students thought that using trees for the products we need is an environmentally friendly thing to do. After participating in this program, 76% now recognize the environmental benefits of forests and believe this to be true.
- ★ After attending Wood Magic, 89% of the students were able to list a minimum of 10 items that they use everyday that come from trees. Before attending Wood Magic, only 29% could do this task.
- ★ Students showed a significant gain in knowledge about forests in 100% of the major categories measured. Overall, the scores on the test increased from an average of 50% on the pre-test to 84% on the post-test.



Here's a visual summary of the pre-visit and post-visit test results:



Test Results			Main Emphasis of Test Question
Question	Pre-Test	Post-Test	
1	41%	74%	There are more forests today than 100 years ago.
2	70%	94%	Trees are a renewable natural resource.
3	40%	85%	Prescribed fire can be used to improve forests and wildlife habitat.
4	68%	91%	Every part of a log is used when brought into a sawmill. There is no waste.
5	20%	78%	The main reason to recycle paper is to save landfill space and reduce waste.
6	34%	76%	Growing and harvesting trees to make products for our everyday use is environmentally friendly.
7	46%	79%	In SC there are more trees planted than are harvested each year.
8	56%	90%	Forests clean the air and water we use.
9	66%	84%	Oil and gas are non-renewable natural resources.
10	47%	90%	Definition for: Natural Resources
11	45%	84%	Renewable
12	68%	86%	Non-renewable
13	50%	78%	Biodegradable
14	61%	85%	Recycle
15	29%	89%	Student can list at least 10 items that they use daily that come from wood.

\*689 student pre-test were measured against 414 post-test returned. This is equal to a 80% return of the pre-tests, and a 48% return of the post-tests.

# **BUDGET**

2012 SC SFI Implementation Committee funds	\$6,000.00
2011 SC SFI IC Carry-over funds	\$5,055.61
2012 Stewardship Funds	\$1,500.00
2011 SCFC Stewardship Funds Carry-over	\$695.81
S.C. Tree Farm Committee	\$500.00
International Paper Grant	\$4,000.00
SAF Foresters Fund	\$1,200.00
Appalachian SAF	<u>\$500.00</u>
<b>Total Income</b>	<b>\$19,451.42</b>

---

## **EXPENSES**

Food	\$3,075.23
Tent/Chair/Table/Portable Toilet Rentals	\$3,133.85
Office supplies, Misc.	\$1,030.11
Videos	\$639.95
Facility Rental	\$300.00
Lodging	\$180.00
Postage/Mail Service	\$219.86
Travel/Meals	<u>\$899.11</u>
<b>Total Expenses</b>	<b>\$9,478.11</b>

---

**BALANCE** **\$9,973.31**

---

*\*In-Kind Contribution* **\$52,019.05**

\*See sponsor page for a list of contributors.

# **2012 STEERING COMMITTEE**

*The SC WMFF Steering Committee is made up of volunteers from forest industry, state and federal agencies, and private citizens who volunteer to help oversee and organize the program.*

<b><u>Name</u></b>	<b><u>Organization</u></b>
Tommy Adkins	Abitibi Bowater, Incorporated
Gwen Beavans	USDA Forest Service
Tom Brant	Clemson Extension
Janna Dupree	USDA Forest Service
Russell Hubright	SC Forestry Commission
Crad Jaynes	SC Timber Producers Association
Stephanie Kolok	SC Forestry Commission
Julie Leary	SC Forestry Association
Lynn Leclair	SC Forestry Commission
Amy Maxwell	Natural Resource Conservation Service
Jay Phillips	Resource Management Services
Scott Phillips	SC Forestry Commission
Stephen Pohlman	Clemson Extension
Eric Smith	Kapstone Charleston Kraft



## **WOOD MAGIC STAFF**

***The success of South Carolina's Wood Magic Forest Fair can be attributed to the dedication and technical competence of 139 professionals, college students, and volunteers from numerous organizations. These people set up tents, developed lesson plans, guided classes, served food, cleaned up after a busy day, taught students, assembled student packets, welcomed guests, and performed dozens of other tasks. Our sincere appreciation for a job well done goes to the following:***

<u>First Name</u>	<u>Last Name</u>	<u>Organization Name</u>	<u>First Name</u>	<u>Last Name</u>	<u>Organization Name</u>
Tommy	Adkins	Resolute Forest Products	Bill	Hayne	International Paper
Annette	Arroyo	Hobcaw Baroney Discovery Center	Sue	Hess	Hobcaw Baroney Discovery Center
David	Bagwell	SCFC	Trista	Hindman	Belle W. Baruch Foundation
Gwen	Beavans	USDA Forest Service	Matthew	Hoffman	International Paper
Toni	Becker	Oconee State Park	Chris	Holcomb	USDA Forest Service
Plinio	Beres	USDA Forest Service	Deidra	Holt	International Paper
Jim	Bland	International Paper	Russell	Hubright	SCFC
Judi	Blessing	SCFC	Robert	James	USDA Forest Service
Paul	Blessing	SCFC	Michelle	Johnson	SCFC
Scott	Bodiford	Resource Management Service	Billy	Keels	Clemson University
Greg	Borgen	USDA Forest Service	Stephanie	Kolok	SCFC
Brad	Bramlett	SCFC	Allie	Kreutzer	Sewee Association
Tom	Brant	Clemson University Coop Extention	Ken	Leach	International Paper
Lee	Brockington	Hobcaw Baroney Discovery Center	Robin	Leach	
Jarrold	Brucke	SCFC	Lynn	Leclair	SCFC
Jay	Bukalski	Cape Romain National Wildlife Refuge	Brittney	Lemon	International Paper
Linda	Bukalski	Cape Romain National Wildlife Refuge	Randy	Lyles	SCFC
Olga	Caballero	USDA Forest Service	Amy	McClellan	Resource Management Service
Bill	Cagle	USDA Forest Service	Randy	McCoy	USDA Forest Service
Richard	Camlin	Belle W. Baruch Foundation	Amy	McFadden	White Oak Forest Management, Inc
Isaac	Case	SCFC	John	McGee	SCFC
Ray	Cassell	SCFC	Michael	McGill	SCFC
Jody	Chaney	Bowater, Inc.	Mac	McGinty	Hobcaw Baroney Discovery Center
George	Chastain	Belle W. Baruch Foundation	Jan	McGinty	Hobcaw Baroney Discovery Center
Doug	Costin	International Paper	Ken	McInnis	SCFC
Trey	Cox	SCFC	Matthew	Meyerpeter	International Paper
Lane	Crosby	Hobcaw Baroney Discovery Center	Trip	Miller	SCFC
Scott	Danskin	SCFC	Sharon	Miller	retired
Sue	Daragan	Hobcaw Baroney Discovery Center	Carrie	Miller	USDA Forest Service
Carolyn	Dawson	Clemson Extension	Trent	Moore	Simpson Sawmill
Justin	Demiter	International Paper	Chris	Osborne	International Paper
John	Eargle	Resolute Forest Products	David	Owen	SCFC
Lois	Edwards	retired	Andy	Pascarella	USDA Forest Service
Joey	Ferguson	Resource Mangement Service	Ronnie	Patterson	SCFC
Tal	Fleming	Georgia-Pacific	Tom	Patton	SCFC
Nathan	Gambrell	SCFC	Jay	Phillips	Resource Management Service
Carol	Gomolski	Hobcaw Baroney Discovery Center	Allen	Rabon	SCFC
Chris	Gordy	Norbord SC	Sandy	Reeve	Hobcaw Baroney Discovery Center
Phillip	Grant	Interantional Paper	Jeff	Riggin	SCFC
Rebecca	Hafer	USDA Forest Service	Reed	Rimmer	White Oak Forest Management, Inc
Lucille	Hanley	Hobcaw Baroney Discovery Center	Michael	Rushton	Norbord SC
Bill	Hanley	Hobcaw Baroney Discovery Center	Katie	Simpson	SC FFA Association
Scott	Hawkins	SCFC	Jamie	Smith	SCFC

<u>First Name</u>	<u>Last Name</u>	<u>Organization Name</u>	<u>First Name</u>	<u>Last Name</u>	<u>Organization Name</u>
Eric	Smith	KapStone Charleston Kraft	David	Watford	Resource Management Service
Leah	Smith		Michael	Weeks	SCFC
Wayne	Smith	Resource Management Service	Maxine	Weston	USDA Forest Service
Vaughan	Spearman	SCFC	Sherrie	Whitten	SC Upstate Master Naturalist
Jawana	Stephens	USDA Forest Service	Dan	Whitten	Upstate Master Naturalist Association
Don	Stone	SCFC	Sandra	Wilkins	USDA Forest Service
Pat	Straka	Straka and Straka Consulting Foresters	Mickey	Worthington	SCFC
Lindsay	Thomas	North Inlet-Winyah Bay National Estuarine Research Reserve	Michelle	Wrenn	USDA Forest Service
Beth	Thomas	North Inlet-Winyah Bay National Estuarine Research Reserve	Victor	Wyant	USDA Forest Service
Jimmy	Walters	SCFC	Terasa	Young	Clemson Extension
Keith	Ward	Master Naturalist			



### VOLUNTEER PERSONNEL IN 2012 BY CONTRIBUTORS

<b>CONTRIBUTOR</b>	<b># Personnel</b>	<b>% of Personnel</b>	<b># of man hours</b>	<b>% of Man hours</b>
SCFC	31	22%	1,387.5	51%
Industry	28	20%	288	11%
USDA-Forest Service & FWS	20	15%	268.25	10%
Others (Clemson, DNR, etc)	60	43%	765	28%
<b>Totals</b>	<b>139</b>	<b>100%</b>	<b>2,708.75</b>	<b>100%</b>

Thanks to the 139 volunteers and the more than 47 sponsors who made the 2012 Wood Magic Forest Fair program a great success!

# **2012 CONTRIBUTORS**

***South Carolina's Wood Magic Forest Fair is jointly sponsored by the SC Forestry Association, SC Forestry Commission, and the USDA Forest Service. Special thanks to the following organizations that provided financial support and/or in-kind services (personnel, equipment, and supplies):***

American Forest Management  
Appalachian Society of  
    American Foresters  
Augusta Newsprint Company  
Belle W. Baruch Foundation  
Blue Ridge Electric Cooperative  
Canfor Southern Pine  
Cape Romain National Wildlife  
    Refuge  
Clemson Extension Service  
Collum's Lumber Products, LLC  
Domtar Paper Company, LLC  
Evergreen Packaging Corp.  
Forest Investment Associates  
Georgia-Pacific Corporation  
Hancock Forest Management  
International Paper Company  
Jordan Lumber & Supply, Inc.  
Kapstone Charleston Kraft, LLC  
MeadWestvaco Corp.  
Milliken Forestry Company  
Norbord South Carolina  
Norfolk Southern/Brosnan Forest

North Inlet-Winyah Bay Nat'l Estuarine  
    Research Reserve  
Oconee State Park  
Pioneer Machinery  
Plum Creek Timber Co., Inc.  
Pollard Lumber, Inc.  
Resolute Forest Products  
Resource Management Service, LLC  
RockTenn  
Santee Cooper  
SC Forestry Commission  
SCFC Forest Stewardship Program  
SC Forestry Association  
SC Timber Producer's Association  
SC Tree Farm Committee  
Sewee Association  
Simpson Lumber Co., LLC  
Simpson Sawmill  
Soil and Water Conservation-  
    Richland District  
Sonoco Products Company  
Straka and Straka Consulting  
    Foresters



Funds for the 2012 Wood Magic Forest Fair were provided by the SCFC Forestry Stewardship program, the S.C. Tree Farm Committee, the S.C. Sustainable Forestry Initiative Implementation Committee, International Paper Foundation Grant, the Society of American Foresters' Foresters Fund, and the South Carolina Division-Appalachian Society of American Foresters. Funds were administered by the S.C. Forestry Commission and the S.C. Forestry Foundation.



**SC Forestry Commission  
Forest Stewardship Program**



**SC Tree Farm Committee**



**SC Sustainable Forestry  
Initiative Implementation**



**International Paper**



**South Carolina Division,  
Appalachian  
Society of American Foresters**



**Society of American Foresters  
Foresters Fund**

