

Cooperating to Address Invasive Plant Management *Southern Style*

Nancy Fraley
National Park Service
SE Exotic Plant Management Team

Many Ideas About Weed Management



Concerns About Weeds Vary Greatly



One Person's Weed...



Is Another Person's...



Magnificent Flowering...



...Shade Tree

Grows In Virtually Any Soil

Requires No Special Care...

Hardy To 30 Below

Best of all its practically work-free

Simply plant it, water it, enjoy it

Just a sprinkle a week sends it soaring from sapling to
roof high tree **IN JUST ONE YEAR!**

Turns even the barest spot into a shaded showplace of beauty

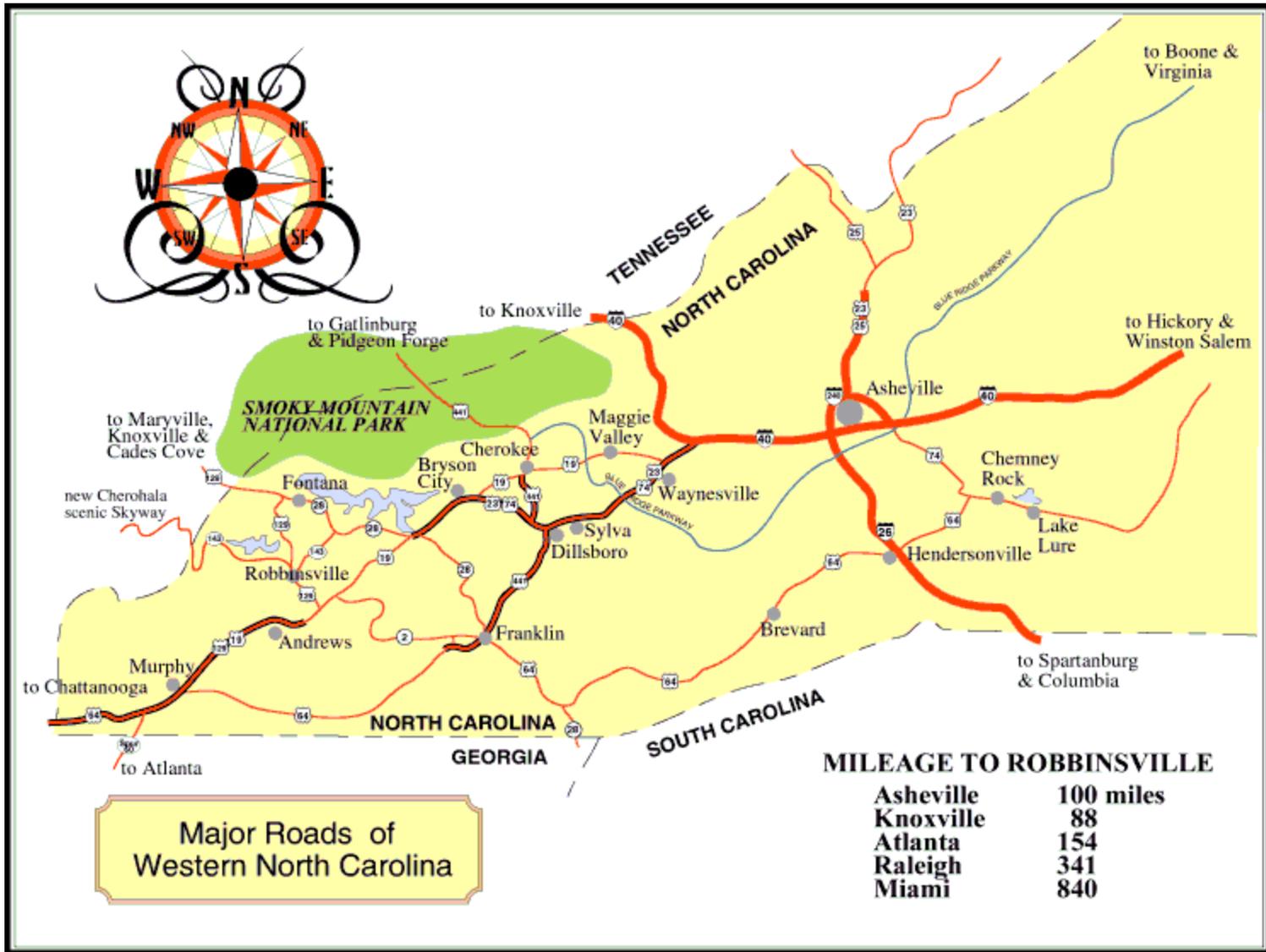
But Supplies Are Still Extremely Short... So Act Now!

It's like growing instant shade.

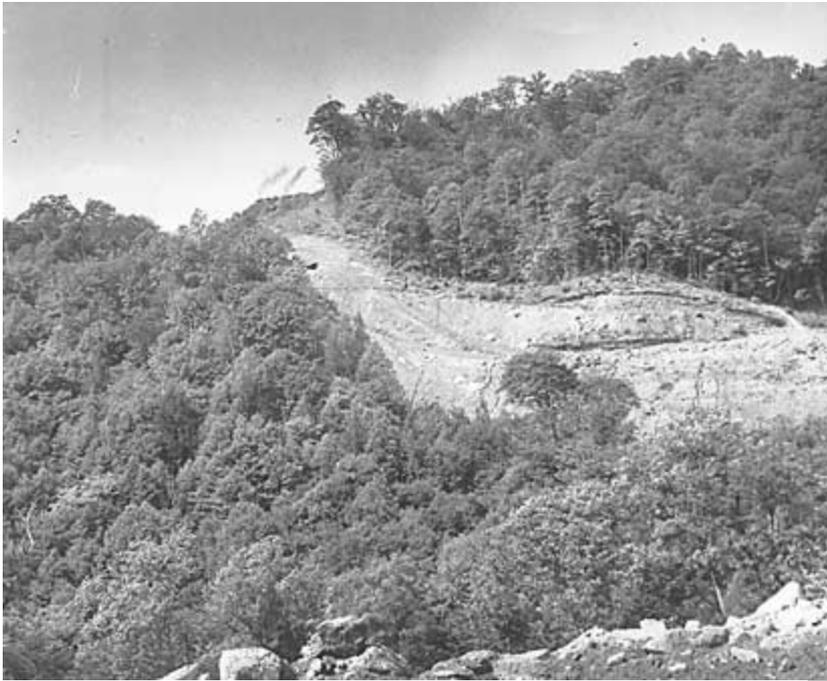
1 tree only \$3.99!

Priorities Are Constantly Changing And So Are The Ways We Respond





**Major Roads of
Western North Carolina**



Construction on I-40 through North Carolina officially began in 1956 along the Pigeon River in Haywood County. This would be the first section of I-40 to be built anywhere in the country. This section was completed in 1968





Background of OBS Work

- 2002-2006 Several work days to remove OBS.
- Effective work but no organized follow-up program.
- Great response from concerned parties.
- One, non-paid volunteer 'coordinator'

Cooperatively Addressing a Shared Problem

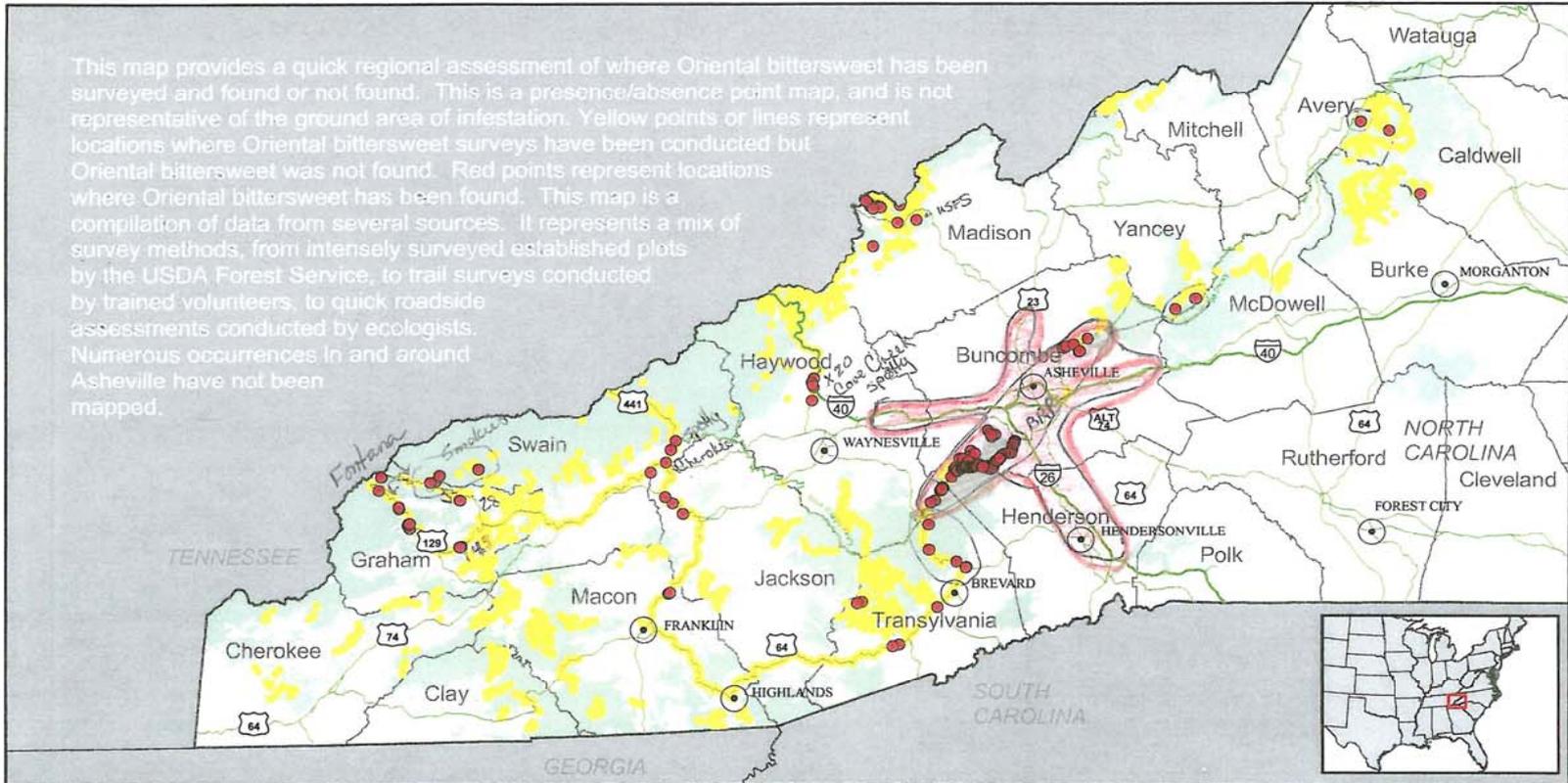


Sandy Bottoms Work Day: TNC,
NPS, USFS, BILT, Neighbors,
Concerned NR Professionals

Oriental Bittersweet Occurrences

Initial Assessment of Western North Carolina Counties

This map provides a quick regional assessment of where Oriental bittersweet has been surveyed and found or not found. This is a presence/absence point map, and is not representative of the ground area of infestation. Yellow points or lines represent locations where Oriental bittersweet surveys have been conducted but Oriental bittersweet was not found. Red points represent locations where Oriental bittersweet has been found. This map is a compilation of data from several sources. It represents a mix of survey methods, from intensely surveyed established plots by the USDA Forest Service, to trail surveys conducted by trained volunteers, to quick roadside assessments conducted by ecologists. Numerous occurrences in and around Asheville have not been mapped.



Legend

- Location surveyed, Oriental bittersweet found
- Location surveyed, Oriental bittersweet NOT found
- Major roads
- County boundaries
- Protected areas (primarily national forests and parks)



Map created on October 15, 2004
by Matt Dumin and PJ Nabors of the
Southern Appalachian Information Node (SAIN)
of the National Biological Information Infrastructure

Find this map on the web at <http://sain.nbi.gov>



Data Sources:

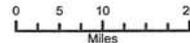
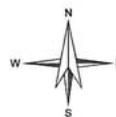
Scott Kichman, Great Smoky Mountains National Park
Keith Langdon, Great Smoky Mountains National Park
Chris Ulrey, Blue Ridge Parkway



Gary Kaufman, Pisgah and Nantahala National Forests



Andy Brown, Equinox Environmental
Jack Ranney, University of Tennessee
Volunteers, Southern Appalachian Man and the Biosphere



2 rock page
i. pegs

Craftsperson's Delight



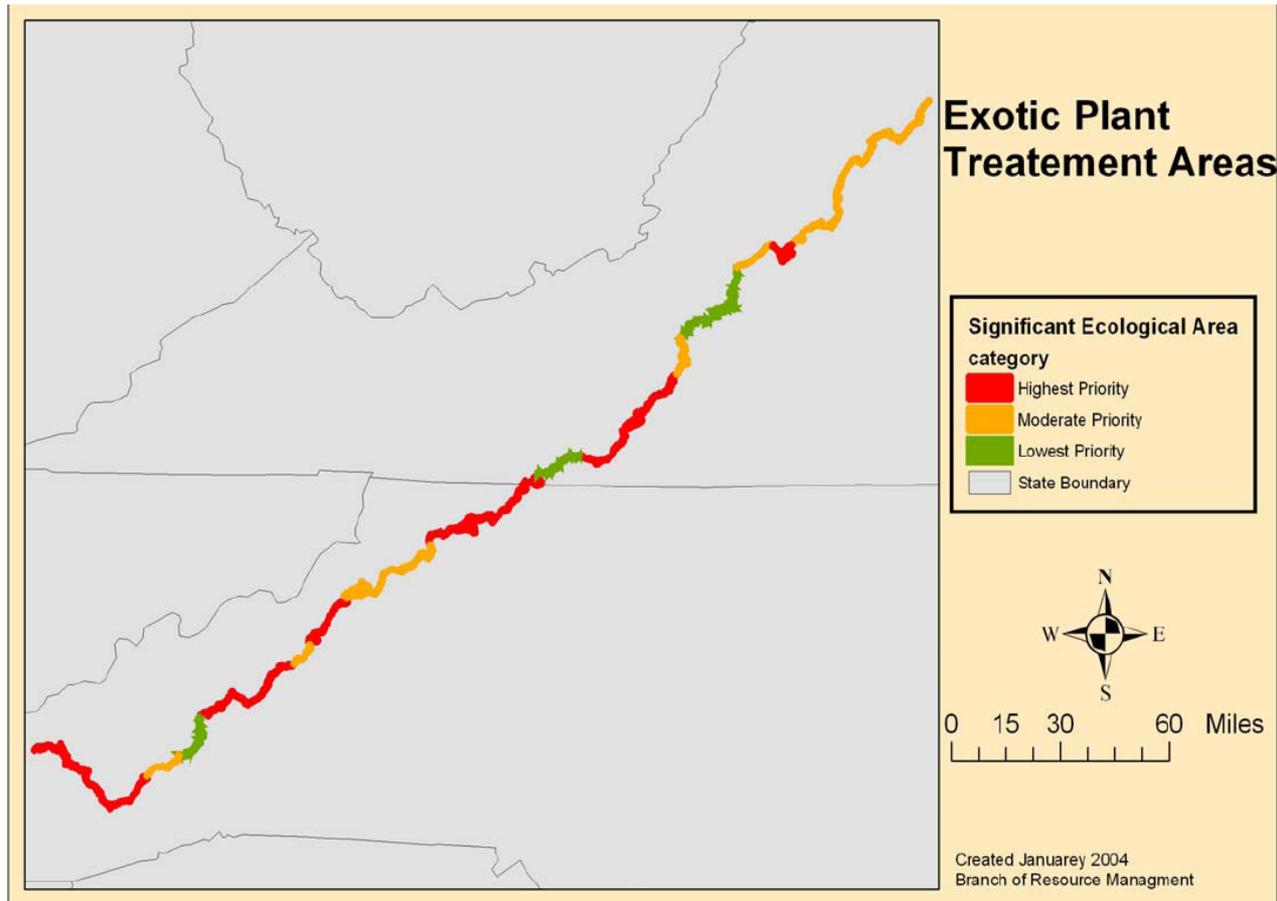


2006 BRP Natural Resources Staff Completed an Exotic Plant Management Plan and Environmental Assessment for the Entire BRP

APPENDIX A. INVASIVE EXOTIC PLANTS – HIGH PRIORITY FOR MANAGEMENT

Scientific Name	Common Name
<i>Ailanthus altissima</i>	Tree of Heaven
<i>Albizia julibrissin</i>	Mimosa Tree
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Ampelopsis brevipedunculata</i>	Porcelain Berry
<i>Celastrus orbiculatus</i>	Oriental Bittersweet
<i>Centaurea biebersteinii</i>	Spotted Knapweed
<i>Coronilla varia</i>	Crown Vetch
<i>Dioscorea oppositifolia</i>	Chinese Yam
<i>Elaeagnus umbellata</i>	Autumn Olive
<i>Elaeagnus pungens</i>	Russian Olive
<i>Ligustrum sinense</i>	Chinese Privet
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Lonicera fragrantissima/maackii\</i> <i>morrowii</i>	Bush Honeysuckle
<i>Lythrum salicaria</i>	Purple Loosestrife
<i>Microstegium vimineum</i>	Japanese Stilt grass
<i>Miscanthus sinensis</i>	Japanese Plume Grass
<i>Paulownia tomentosa</i>	Princess Tree
<i>Pueraria montana var. lobata</i>	Kudzu
<i>Rosa multiflora</i>	Multiflora Rose
<i>Rubus phoenicolasius</i>	Wineberry
<i>Spiraea japonica</i>	Japanese Spiraea
<i>Tussilago farfara</i>	Coltsfoot
<i>Wisteria floribunda</i>	Japanese Wisteria

BRP Exotic Plant Treatment Areas



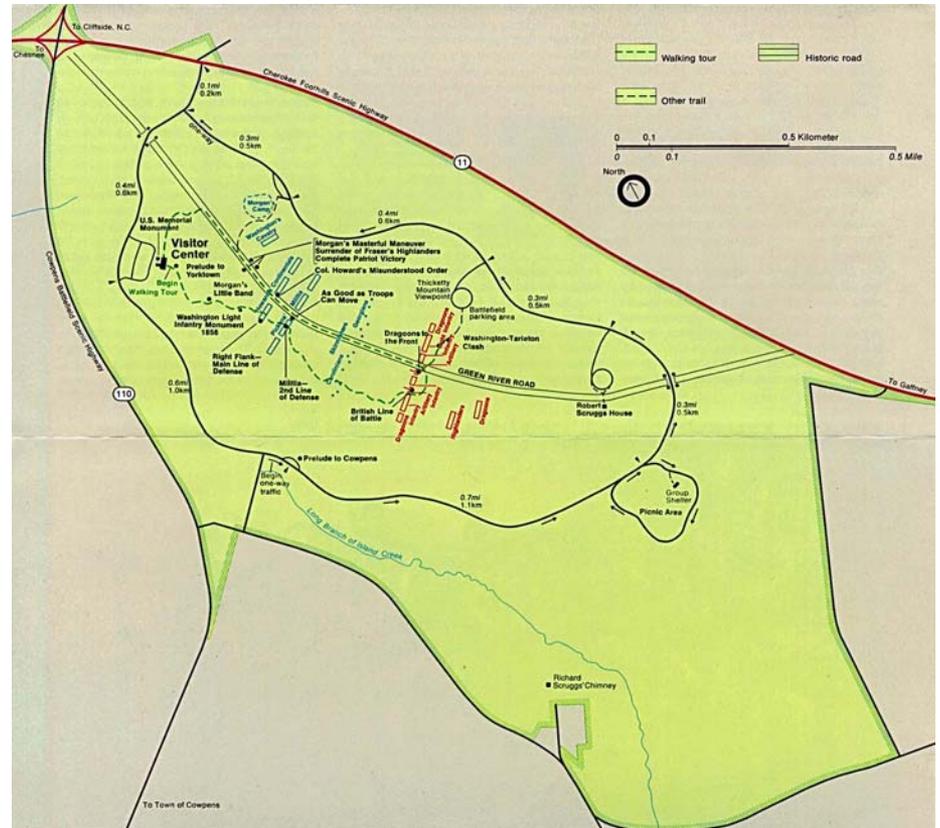
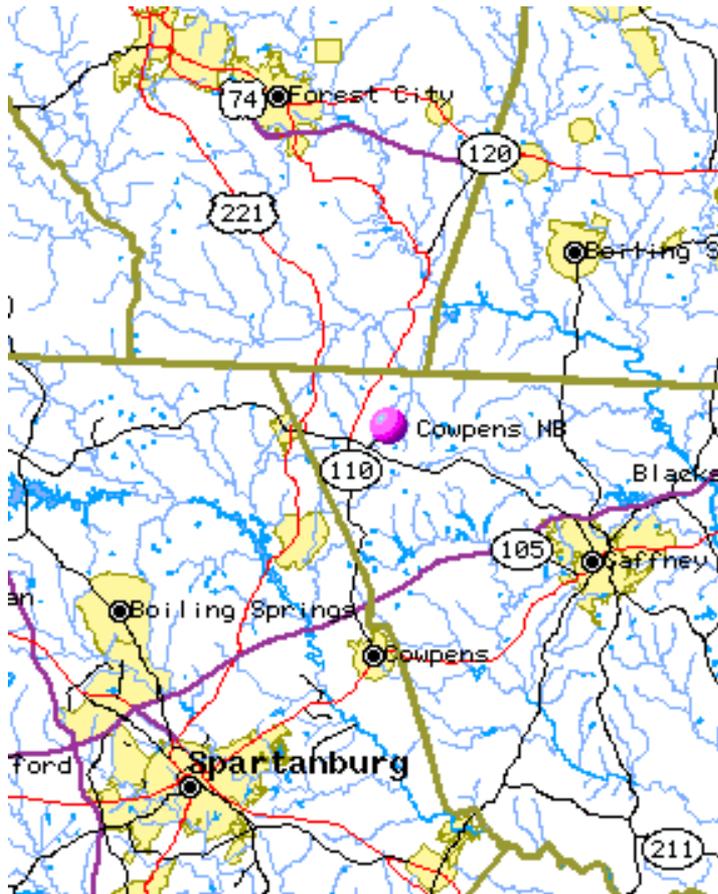
American Recovery and Reinvestment Act



2009 Goals

- Develop a formal partnership for cooperative, effective OBS control and prevention of unintended spread mm 377 - mm 393.
- Seek funding for coordinator position to liaison with partners.
 - Fund mapping.
 - Prioritize control sites.
 - Organize control efforts.
 - Provide technical expertise and training

Cowpens National Battlefield



Cowpens National Battlefield Mandate

*To return the battlefield to the way it looked
when the Battle of Cowpens was fought
on January 17, 1781.*

- Morgan placed his troops "in an open wood." -- Roderick MacKenzie
- "... little if any underbrush." -- Samuel Hammond
- "The battle was fought early in the morning in the open woods." -- Josiah Martin
- "...The battle ground was part in the woods & part an old field..." -- James Kelly
- "...the woods were open and free from swamps..." -- Banastre Tarleton

Native Grass Restoration at Cowpens



Open Oak Forest Cowpens National Battlefield



When Priorities Conflict



Yellow Grove Bamboo *Phyllostachys aureosulcata*

Strange Bedfellows?

- Bamboo Society of America – 2008 meeting in Asheville, NC
- 2009 Cowpens Battlefield is Field Trip Site
- Workday Scheduled for May 2009 to begin containing bamboo
- Next Marketing Bamboo?

Fans launch WNC bamboo festival

NEWS FROM KEIJI & STEFANI OSHIMA

Oshima Bamboo School Opening Soon!
Classes Will Begin in Spring of 2009.

These are Examples:

Bamboo Crafts

Bamboo Poles

Bamboo Charcoal

Bamboo Nursery Business

Bamboo Shoots Business

To receive a catalog or for information please
email: stefanioshima@hotmail.com

(828) 685-3053

3rd ANNUAL BAMBOO FESTIVAL

- At the NC Arboretum
- July 11-12, 2009
- VOLUNTEERS NEEDED!
- Editor's Note: The following article is a reprint from the last newsletter. The chapter needs your help, particularly if you live in the Asheville area!
- It's time to get involved in The 2009 Bamboo Festival held at The North Carolina Arboretum in Asheville, NC, July 11th & 12th. Set-up for the festival is July 10th.

Questions

