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
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)
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

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