

# 2<sup>nd</sup> Annual Invasive Species Awareness Week Community Outreach and Education

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NCEPPC Annual Meeting

February 2012



# Presentation Goals

- Importance of outreach
- Workshop audience
- Hosting a workshop

# NC – EPPC Mission

NC EPPC facilitates solutions to problems caused by invasive plants. Our active membership includes public and private land managers, ecological consultants and researchers, planners, volunteer stewards, and concerned citizens.

- Facilitate communication and the exchange of information regarding all aspects of exotic pest plant control and management
- Provide a forum where all interested parties may participate in meetings and share in the benefits from the information generated by Council
- Promote public understanding regarding exotic pest plants and their control

# 2<sup>nd</sup> NC Annual Invasive Species Awareness Week

- April 2-8, 2012
- EPPC will continue to support members through a web presence
- Members will host educational workshops
- More support and activities in 2012
- National Invasive Species Awareness Week  
February 26-March 3, 2012

# Target Audience

- Gardeners
  - Homeowners
  - Garden Clubs
  - Landscapers/ Garden Designers
- 
- March: gardening and landscaping begins. Reach targeted groups when they are planning gardens and purchasing plants

# Ideal Locations for Workshops

- Local gardening stores
- Homeowner Association Groups
- Botanical Gardens and Arboretums
- Community Gardens

# Workshops

- Send a uniform message to attendees through canned presentations for each region and print materials
  - Provide samples for participants to touch and see
  - Most Wanted list with native/noninvasive alternatives

# Workshop Materials

- Outline for workshop hosts
- Pamphlet for attendees
- Most Wanted cards for attendees
- Download at [nceppc.weebly.com](http://nceppc.weebly.com)



# From the Garden into the Environment

## Invasive Species in the Garden

- Gardens and Landscapes are sometimes the source of initial introduction of invasive species
  - Well meaning gardeners plant a wide variety of plants – some of which become invasive in to natural ecosystems
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  - Some plants commonly sold in the nursery trade have escaped into natural habitats with disastrous consequences
- Gardeners and Landscape Professionals are on the front line
  - Plant choices
  - Maintenance Practices
  - Evaluation of species

# WHY ARE INVASIVE SPECIES A PROBLEM?

## ■ Invasive species invade!

- Lack of competitors or predators make them more reproductively successful than native counterparts
- Prolific seed production
- Seed dispersal through water, wind, wildlife into forests, wetlands, ponds, beaches
- Spread through corridors
  - Roads, Right of ways, streams and rivers

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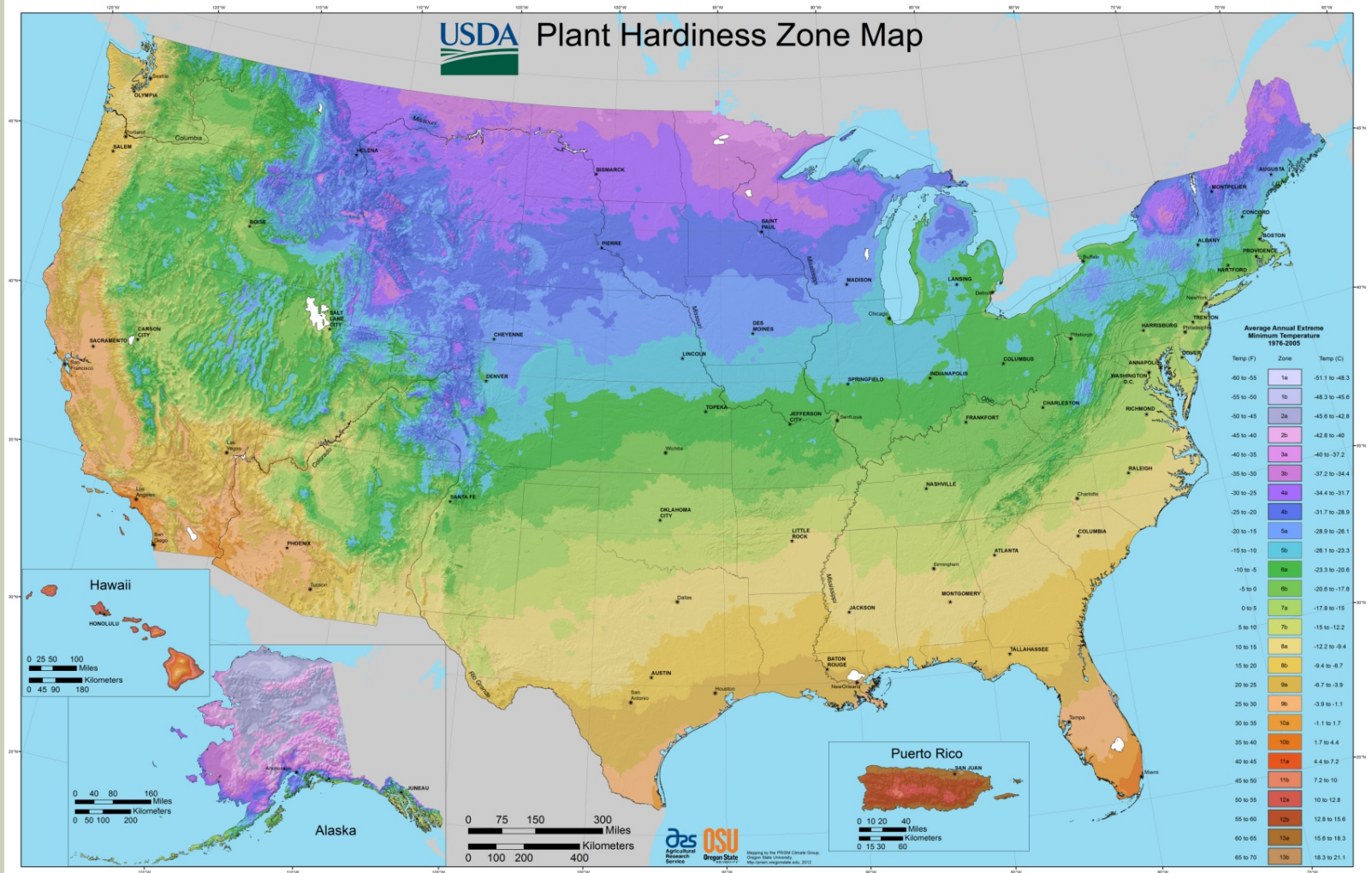
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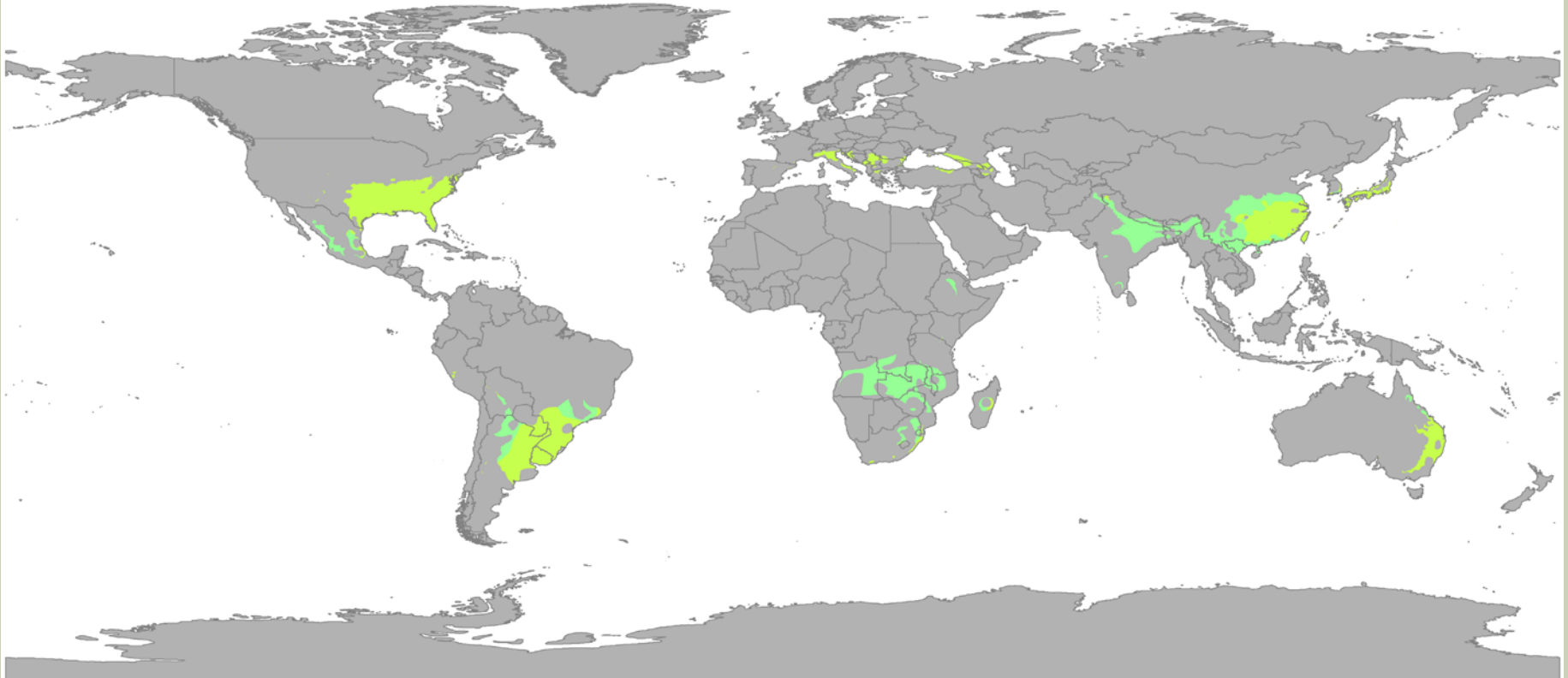
## ■ Economic Consequences

- US spends \$34.7 billion annually on invasive species control

# WHY SHOULD GARDENERS CARE?



# The Invasive Connection!!!



Af	BWh	Csa	Cwa	Cfa	Dsa	Dwa	Dfa	ET
Am	BWk	Csb	Cwb	Cfb	Dsb	Dwb	Dfb	EF
Aw	BSh	Cwc	Cfc	Dsc	Dwc	Dfc		
	BSk			Dsd	Dwd	Dfd		

# KUDZU





# ORIENTAL BITTERSWEET



# ENGLISH IVY



# ASIAN WISTERIA



# JAPANESE HONEYSUCKLE



# MISCANTHUS



# CHINESE PRIVET



# BUSH HONEYSUCKLE



# JAPANESE KNOTWEED





# MOST INVASIVE PLANTS IN THE NC MOUNTAINS

- Asian Wisteria
- Burning Bush
- English ivy
- Miscanthus
- Princess Tree
- Mimosa
- Callery Pear
- Golden Bamboo
- Bush Honeysuckle
- Japanese Honeysuckle
- Oriental Bittersweet
- Red Barberry
- Winter Creeper
- Privet (Chinese and Japanese)
- Japanese Knotweed

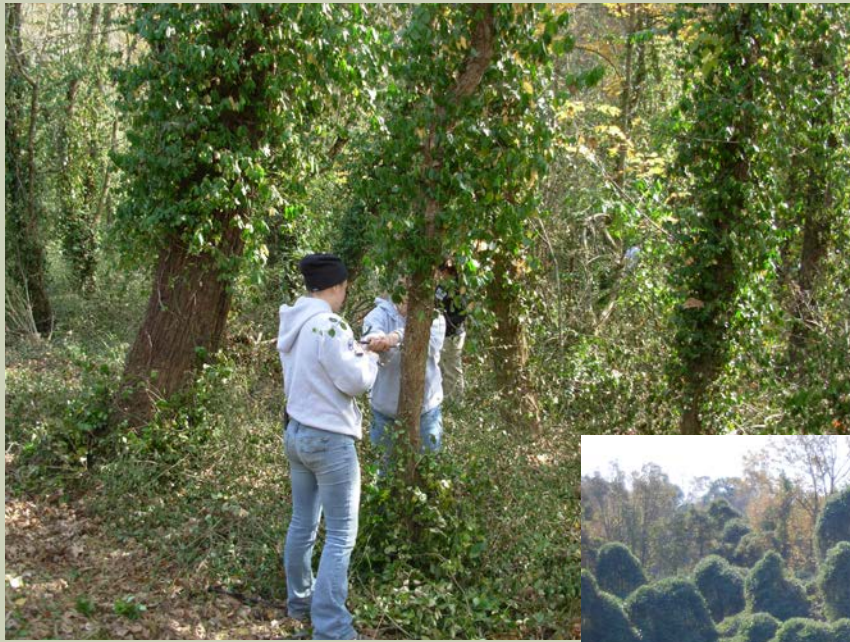
# OTHER INVASIVE PLANTS IN THE NC MOUNTAINS ?

- Nandina
- Mahonia
- Porcelainberry vine
- Thorny Elaeagnus
- Periwinkle (big and small leaf)

# WHAT IS THE SOLUTION?

- **Gardeners and Landscape professionals can help reduce the impact of invasive species by:**
  - Removing invasive species on your property
  - Choosing to plant non-invasive plants in their gardens
  - Educate others in of the impact of invasive species
  - Volunteering to remove invasive species from natural areas

# REMOVING INVASIVE SPECIES ON YOUR PROPERTY



# NATIVE/NONINVASIVE AS LANDSCAPING ALTERNATIVES

- Native species have adapted to the region, so they are easy to grow and usually resistant to insects and diseases problems
  - Less pesticide and water needed to grow them once established!
    - This assumes site conditions are appropriate for native plants

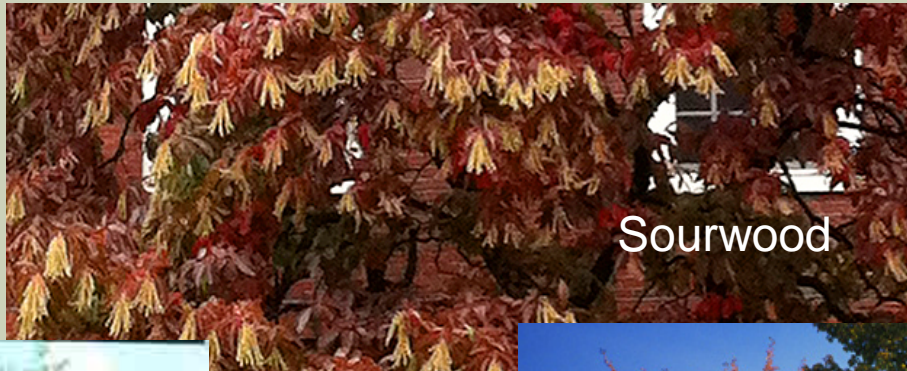
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  - Attract other forms of wildlife to the garden

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- Many Non-native/exotic plants work well in the garden and are not a problem in natural landscapes
  - These plants add distinct beauty but they plants generally do not add as much in the way of food source for wildlife species especially insects which many birds rely on.

# NATIVE/NONINVASIVE TREES



Sourwood



Yellowwood



Serviceberry



# NATIVE/NONINVASIVE SHRUBS



Winterberry Holly



Possum haw  
Viburnum



Virginia Sweetspire

# NATIVE/NONINVASIVE VINES



Carolina Jessamine



Coral Honeysuckle



American Wisteria



Cross Vine

# NATIVE/NONINVASIVE - GRASSES/HERBACEOUS PLANTS



# How can Gardeners and Garden Professionals Help?

- Gardeners and Garden Professionals can make a big impact
  - Help to stop the spread of invasive plants from a gardening standpoint
    - Remove invasive plants and potentially invasive plants on their properties
    - Chose to plant Native plants or only those non-native plants that are considered to be non-invasive

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- Join in
  - Join NC- EPPC and SE- EPPC

# RESOURCES

- Nonnative Plants of Southern Forests – James H. Miller, USDA Forest Service
- Invasive Exotic plants of North Carolina – Cherri Smith, NC DOT- [www.se-eppc.org/northcarolina/NCDOT\\_Invasive\\_Exotic\\_Plants.pdf](http://www.se-eppc.org/northcarolina/NCDOT_Invasive_Exotic_Plants.pdf)
- North Carolina Native Plant Society – web site <http://www.ncwildflower.org/invasives/invasives.htm>
- Bringing Nature Home – Douglas Tallamy, University of Delaware
- Invasive Exotic plant List for Western North Carolina – [www.sapwmp.org](http://www.sapwmp.org)
- SE-EPPC Publications website - <http://www.se-eppc.org/publications.cfm>

# Host a Workshop

- Call your local nursery or garden supply store, community garden, Garden Clubs, etc.
- Advertise your workshop
  - Listservs
  - Local media
  - Social media
  - Flyers
- Media kit available at [nceppc.weebly.com](http://nceppc.weebly.com)



Questions?