

Firewood Buddy Smartphone App

A Collaborative Project to Raise Awareness About the
Movement of Invasive Species Via Firewood

Lisa A. DeBruyckere, Oregon Invasive Species Council
Continental Dialogue Meeting
November 13, 2012

Farm Bill 2010

- Tri-state (OR, WA, ID) firewood pilot project
- Purpose – inform the public about the dangers of moving firewood



Collaborators

- Idaho, Oregon, and Washington Invasive Species Councils
- US Forest Service
- Bureau of Land Management
- Bureau of Reclamation
- US Army Corps of Engineers
- State natural resource agencies – Oregon Department of Agriculture, Oregon State Parks
- The Nature Conservancy
- Private, county, and local campgrounds
- Oregon Sea Grant
- Portland State University

Campaign Elements

- Billboards
- Campground posters
- Pre- and post-campaign awareness surveys
- Recreation.gov
- Rest area displays
- Oregon legislation





FIREWOOD BUDDY

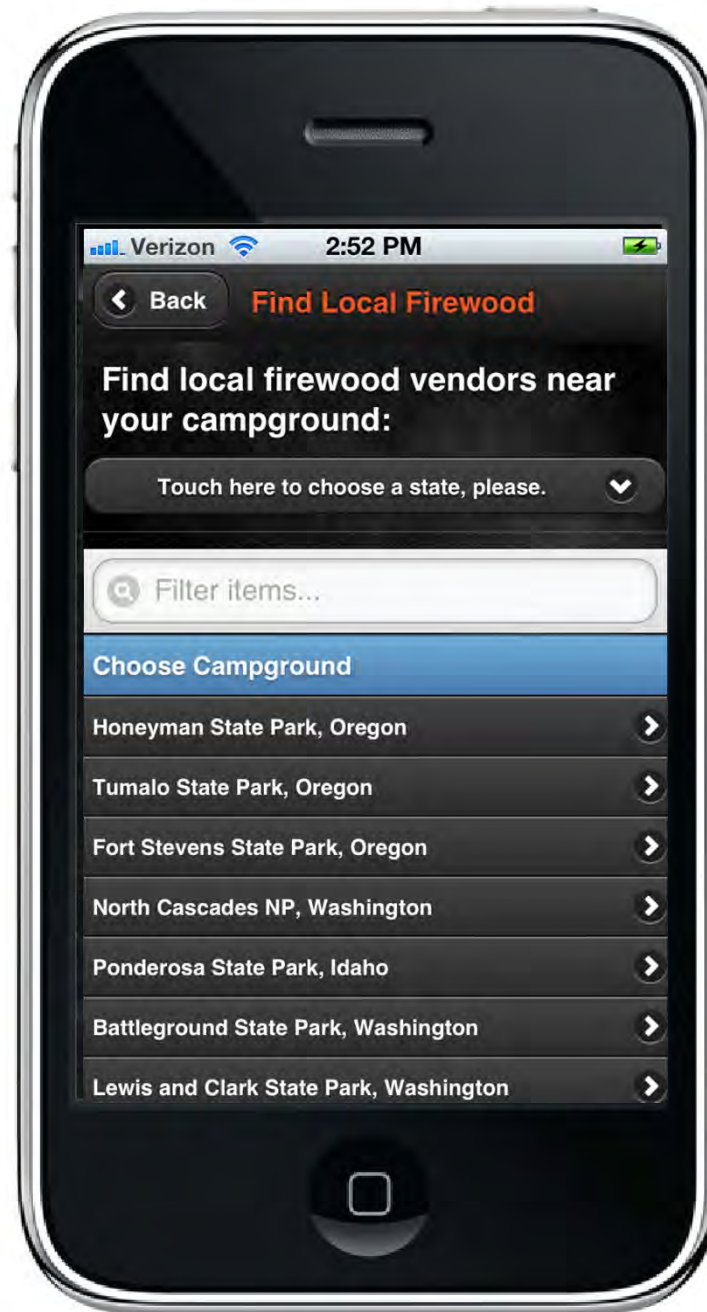
Know B4U Go!

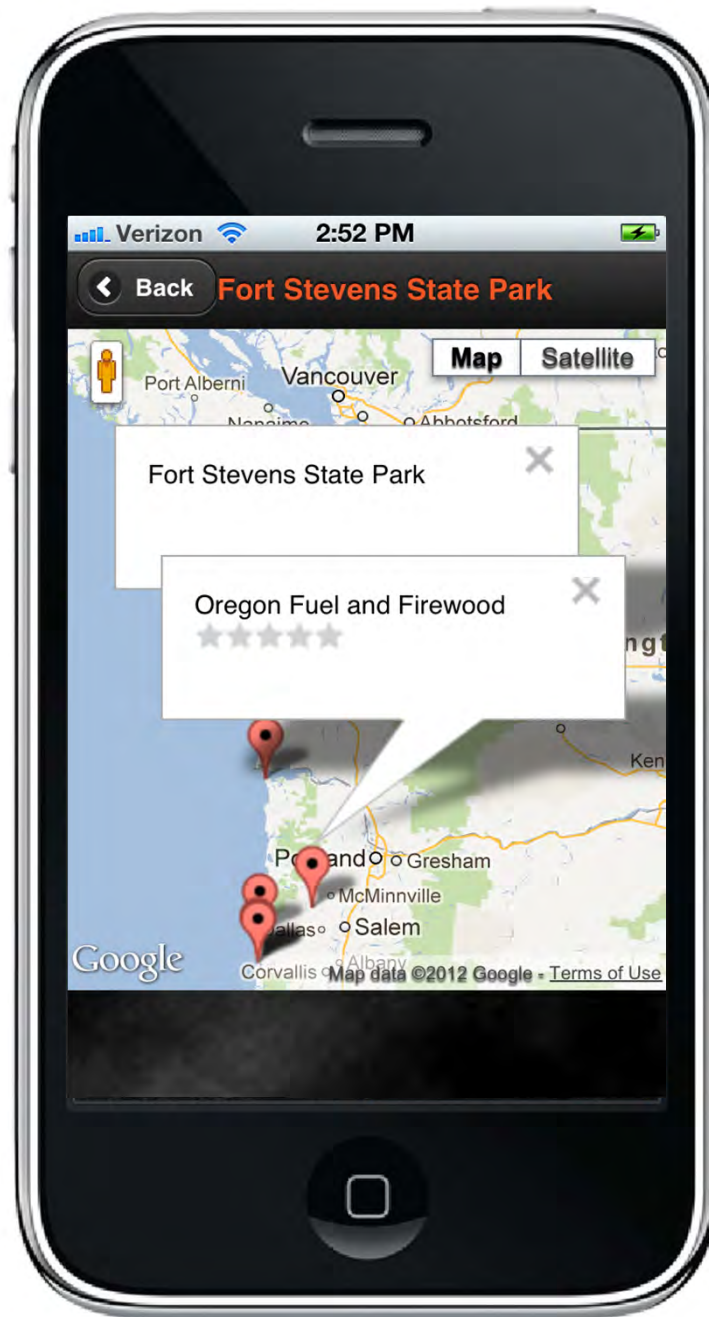
Find Local Firewood

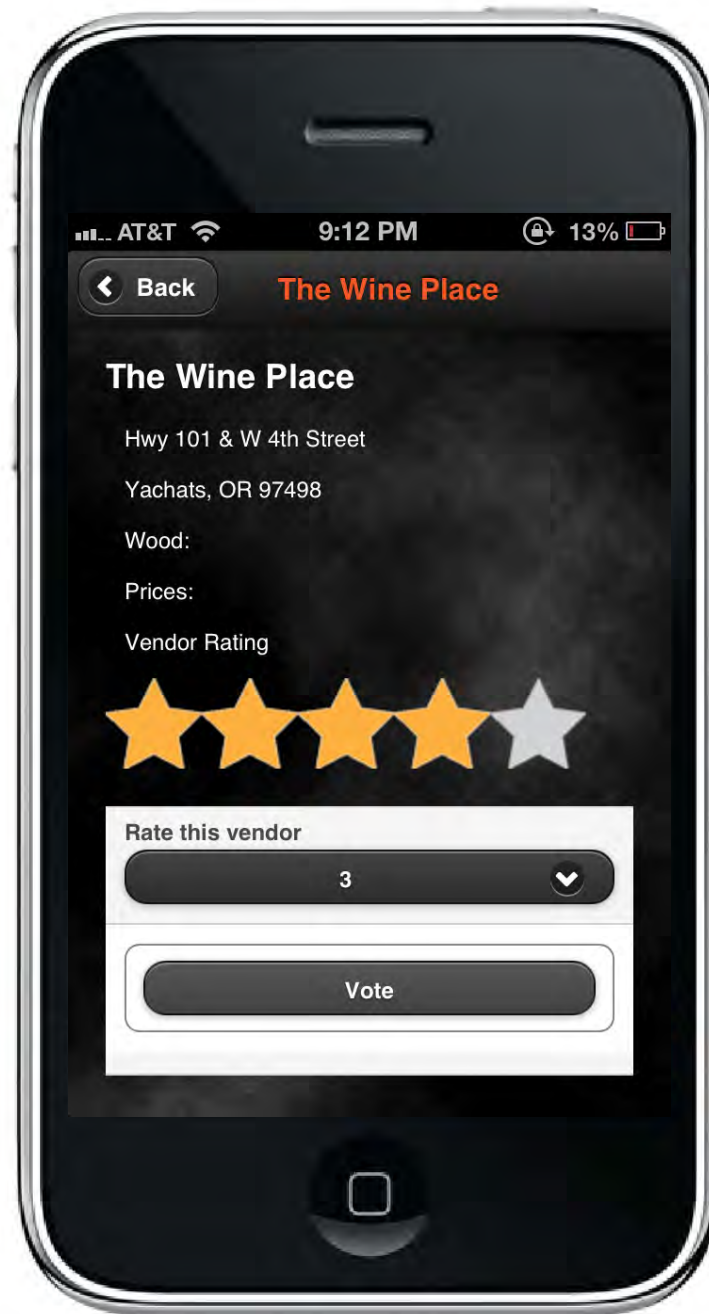
Firewood Master



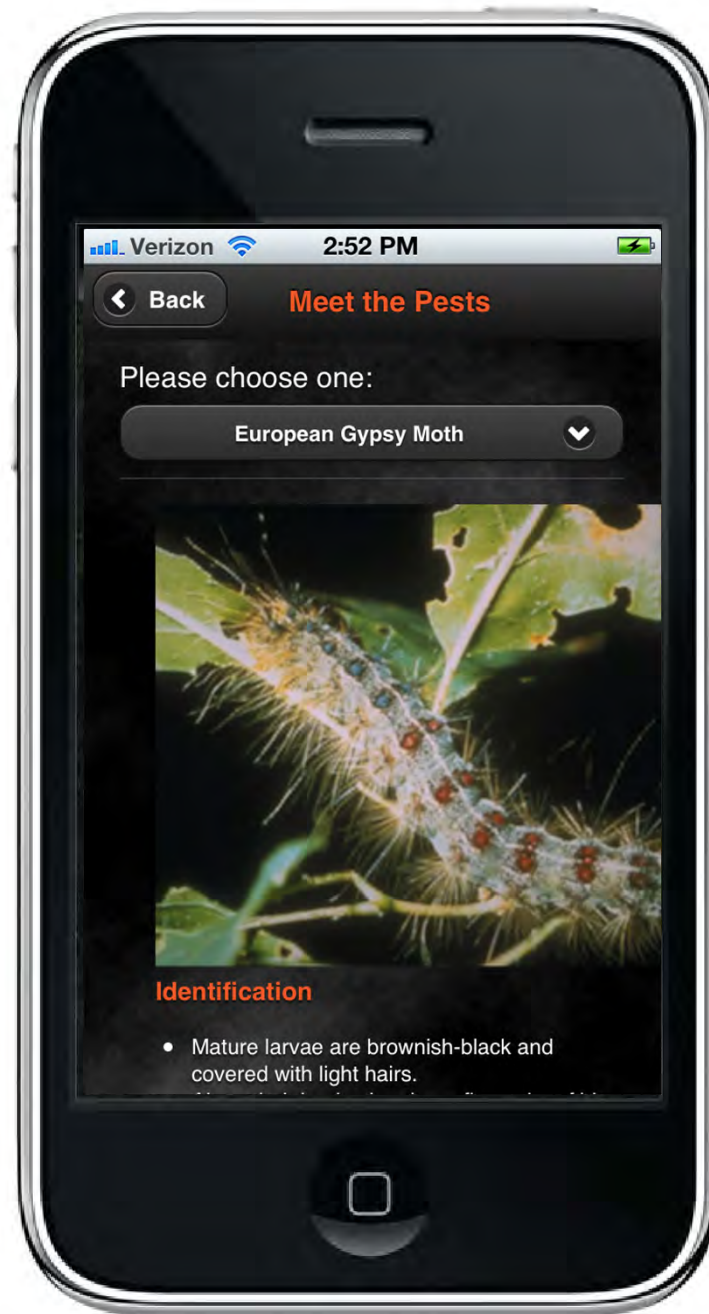
BUY IT WHERE YOU BURN IT.











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Meet the Pests

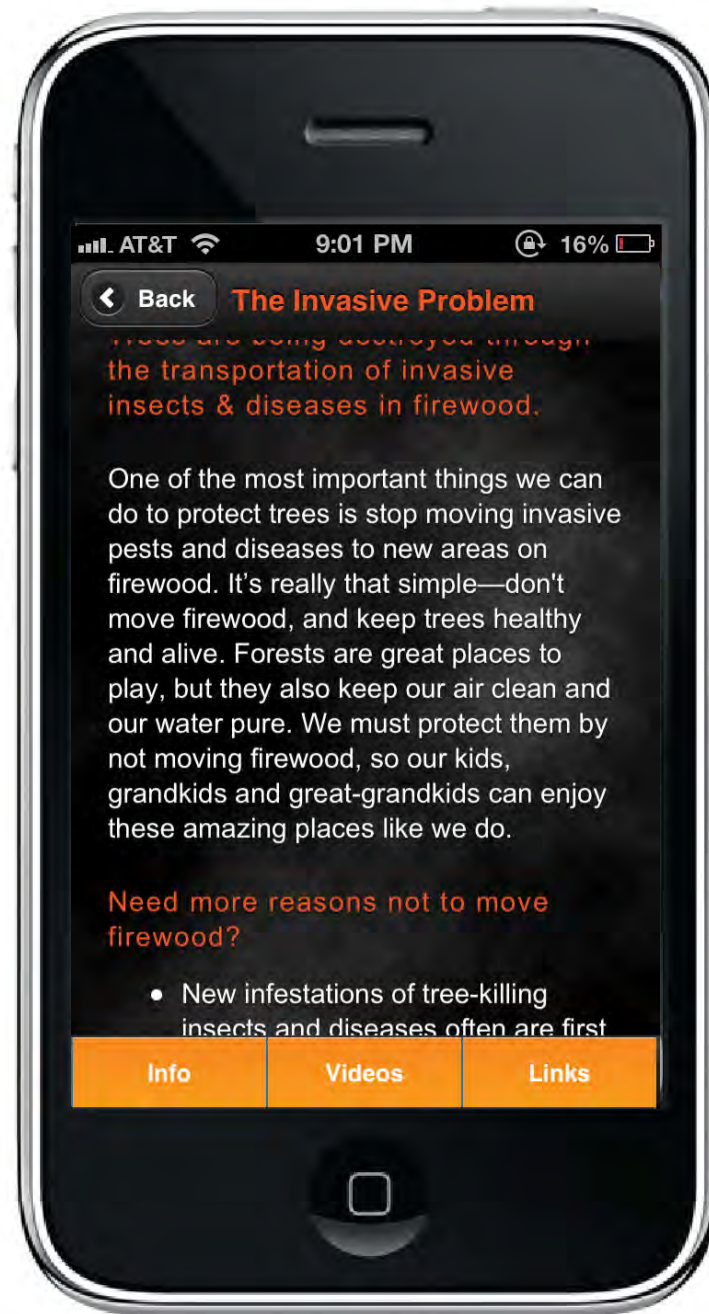
Please choose one:

European Gypsy Moth



Identification

- Mature larvae are brownish-black and covered with light hairs.



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The Invasive Problem

Trees are being destroyed through the transportation of invasive insects & diseases in firewood.

One of the most important things we can do to protect trees is stop moving invasive pests and diseases to new areas on firewood. It's really that simple—don't move firewood, and keep trees healthy and alive. Forests are great places to play, but they also keep our air clean and our water pure. We must protect them by not moving firewood, so our kids, grandkids and great-grandkids can enjoy these amazing places like we do.

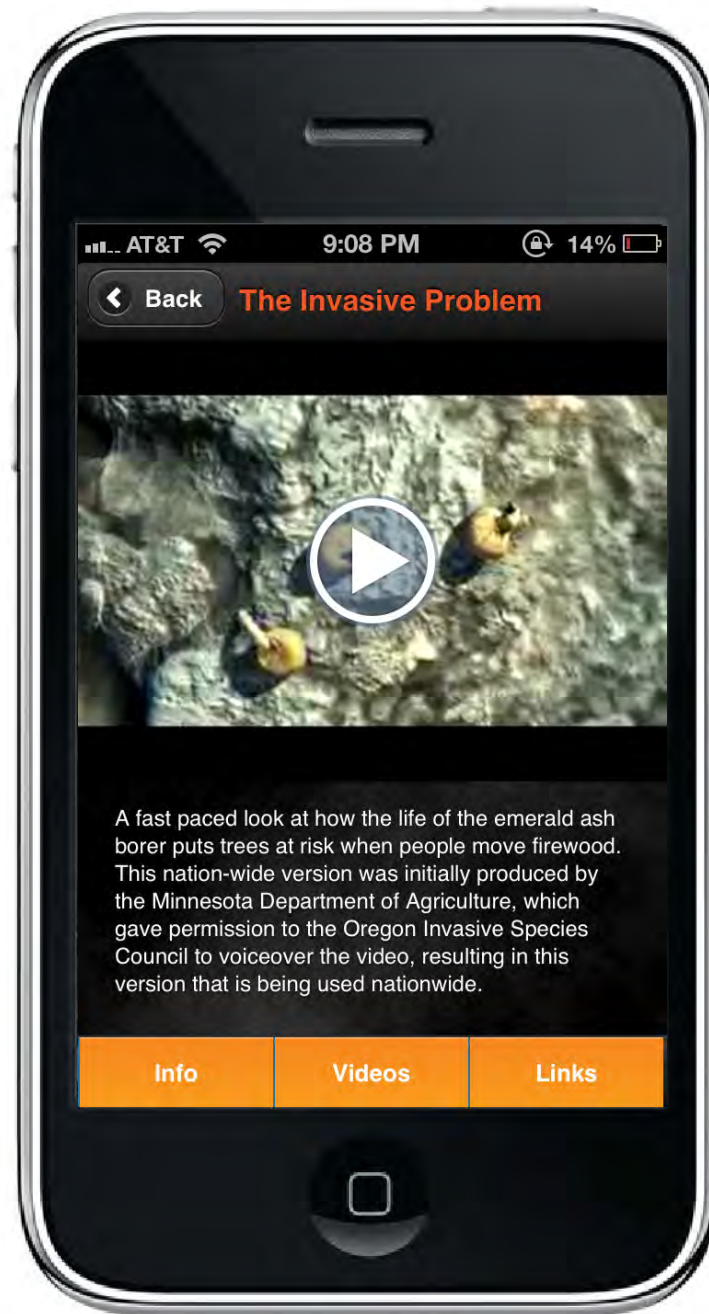
Need more reasons not to move firewood?

- New infestations of tree-killing insects and diseases often are first

Info

Videos

Links



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The Invasive Problem

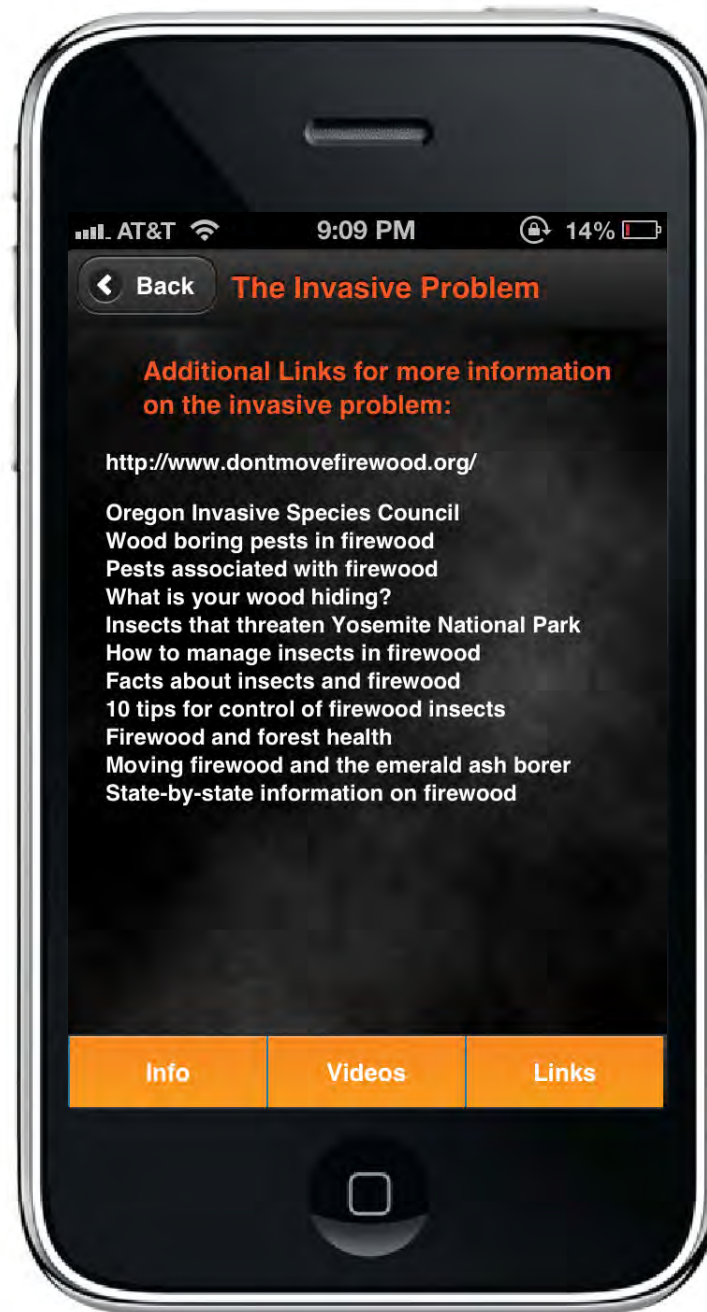


A fast paced look at how the life of the emerald ash borer puts trees at risk when people move firewood. This nation-wide version was initially produced by the Minnesota Department of Agriculture, which gave permission to the Oregon Invasive Species Council to voiceover the video, resulting in this version that is being used nationwide.

Info

Videos

Links



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The Invasive Problem

Additional Links for more information
on the invasive problem:

<http://www.dontmovefirewood.org/>

Oregon Invasive Species Council

Wood boring pests in firewood

Pests associated with firewood

What is your wood hiding?

Insects that threaten Yosemite National Park

How to manage insects in firewood

Facts about insects and firewood

10 tips for control of firewood insects

Firewood and forest health

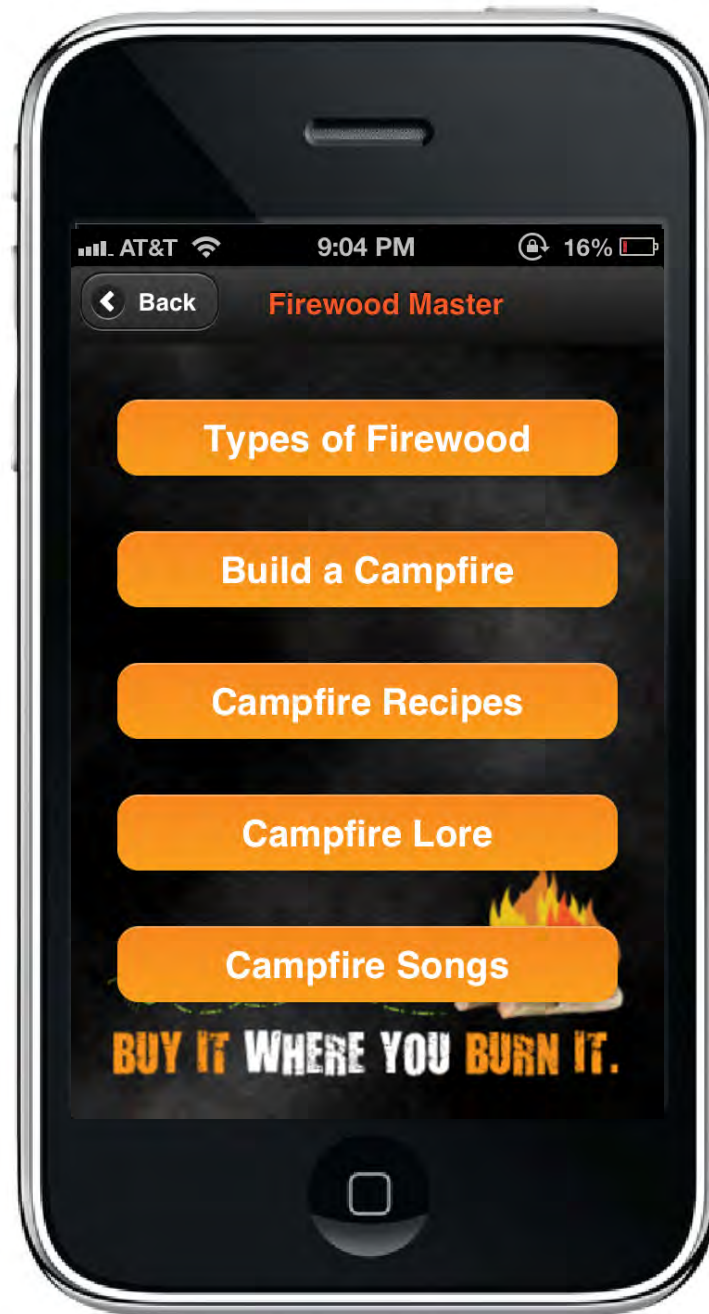
Moving firewood and the emerald ash borer

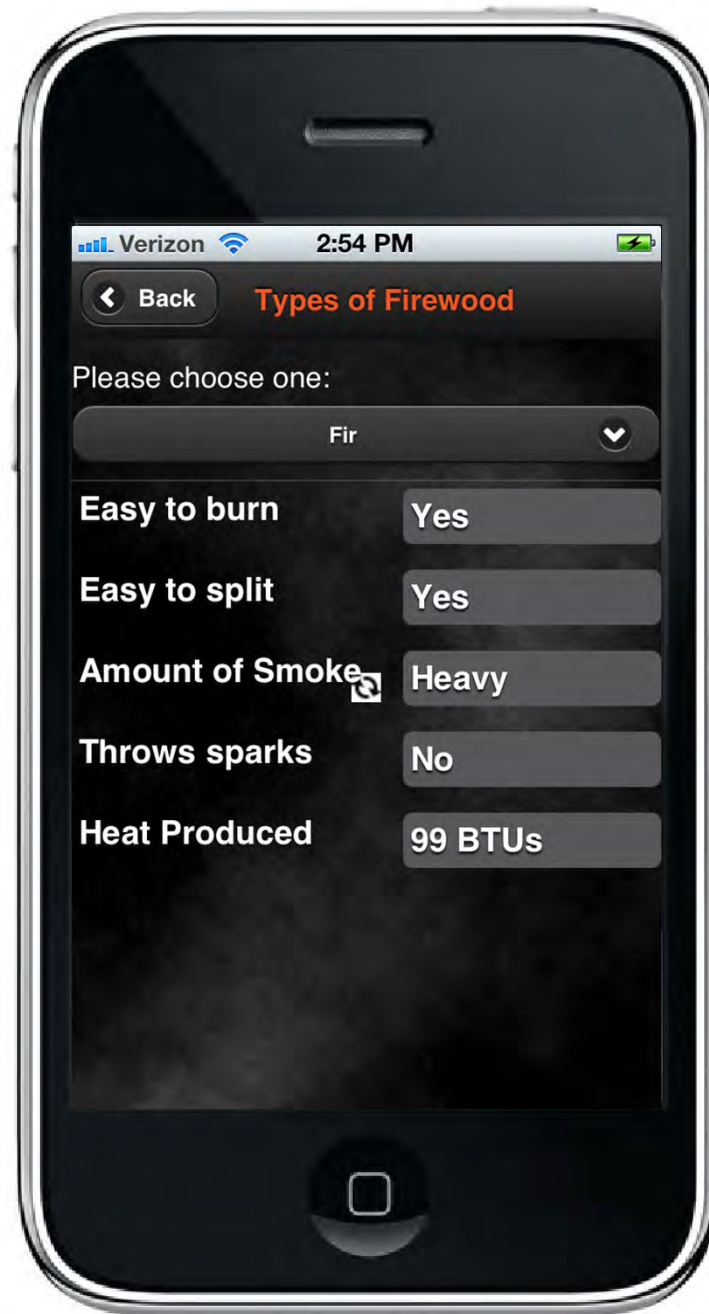
State-by-state information on firewood

Info

Videos

Links





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Types of Firewood

Please choose one:

Fir

Easy to burn

Yes

Easy to split

Yes

Amount of Smoke

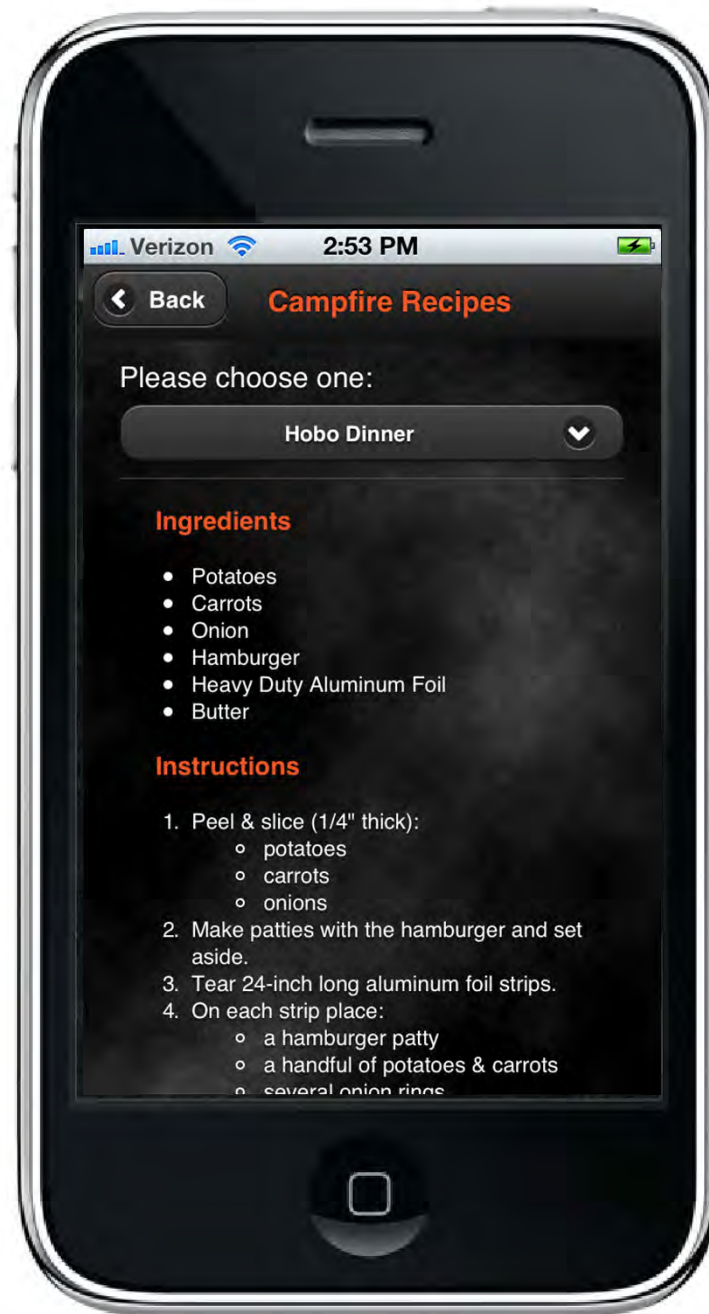
Heavy

Throws sparks

No

Heat Produced

99 BTUs



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Campfire Recipes

Please choose one:

Hobo Dinner

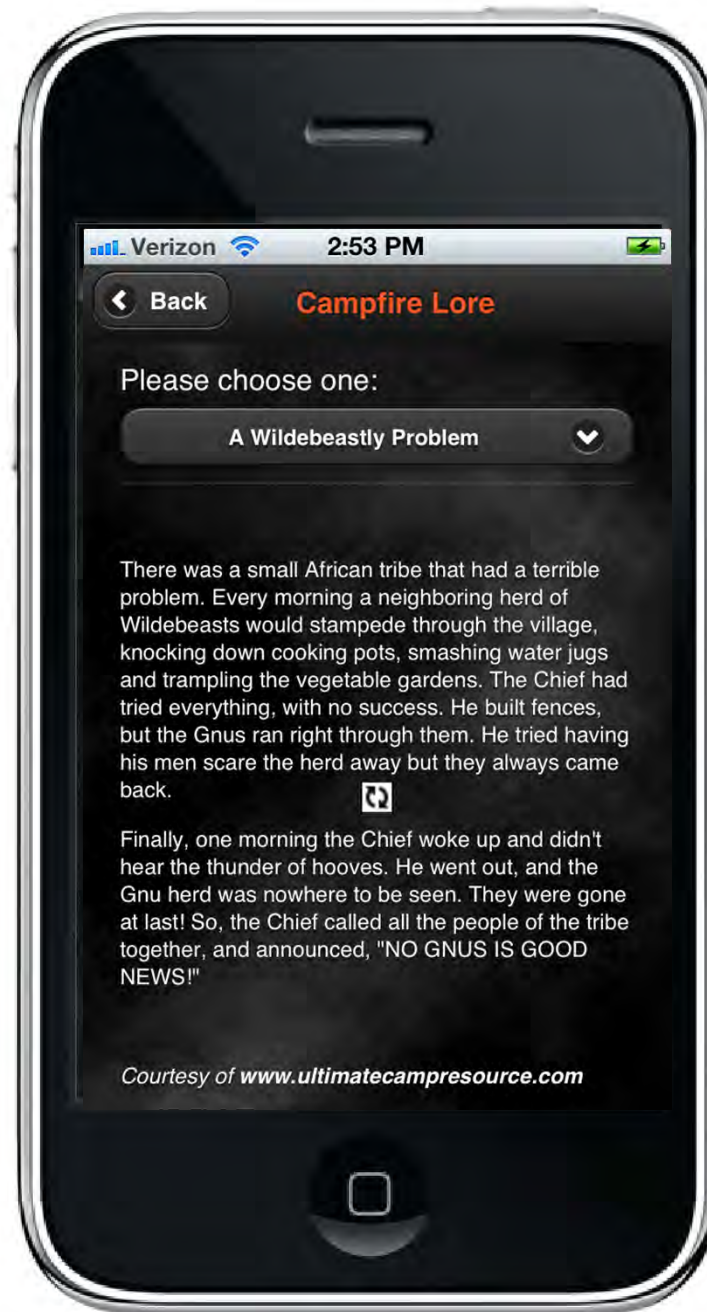


Ingredients

- Potatoes
- Carrots
- Onion
- Hamburger
- Heavy Duty Aluminum Foil
- Butter

Instructions

1. Peel & slice (1/4" thick):
 - potatoes
 - carrots
 - onions
2. Make patties with the hamburger and set aside.
3. Tear 24-inch long aluminum foil strips.
4. On each strip place:
 - a hamburger patty
 - a handful of potatoes & carrots
 - several onion rings



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Campfire Lore

Please choose one:

A Wildebeastly Problem

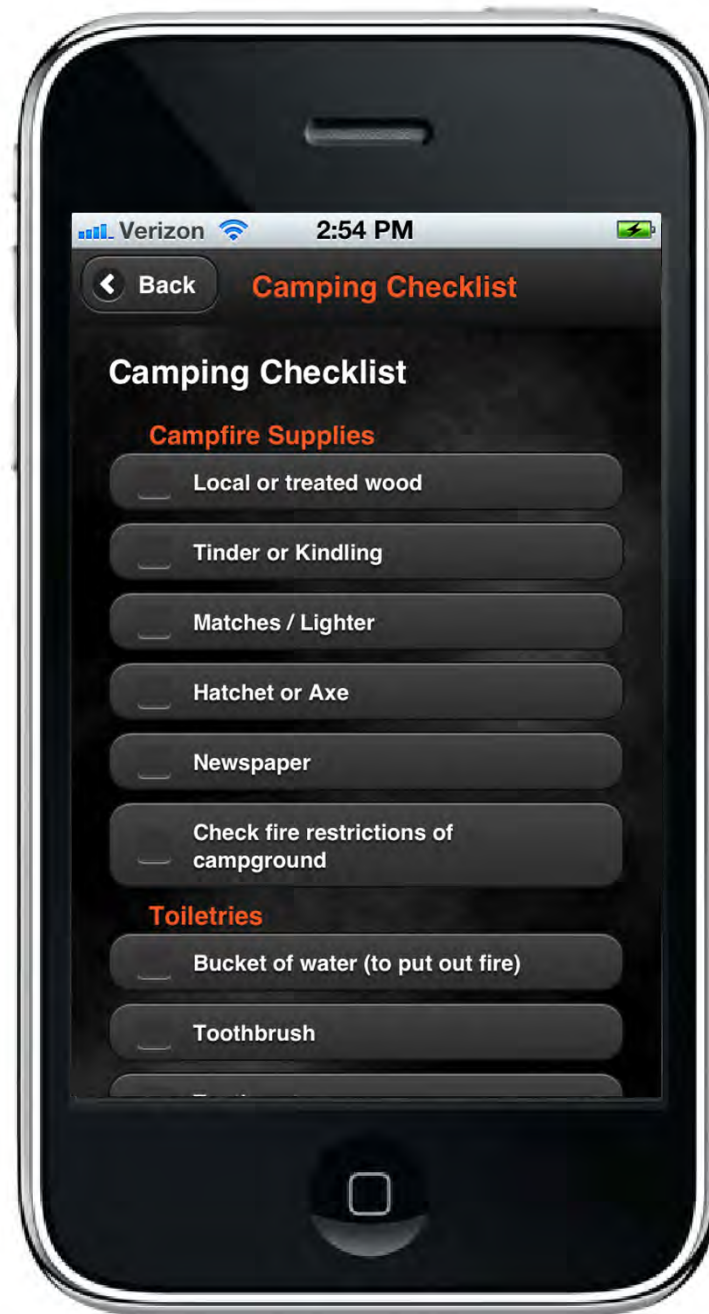


There was a small African tribe that had a terrible problem. Every morning a neighboring herd of Wildebeasts would stampede through the village, knocking down cooking pots, smashing water jugs and trampling the vegetable gardens. The Chief had tried everything, with no success. He built fences, but the Gnus ran right through them. He tried having his men scare the herd away but they always came back.



Finally, one morning the Chief woke up and didn't hear the thunder of hooves. He went out, and the Gnu herd was nowhere to be seen. They were gone at last! So, the Chief called all the people of the tribe together, and announced, "NO GNUS IS GOOD NEWS!"

Courtesy of www.ultimatecampresource.com



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Camping Checklist

Campfire Supplies

☐ Local or treated wood

☐ Tinder or Kindling

☐ Matches / Lighter

☐ Hatchet or Axe

☐ Newspaper

☐ Check fire restrictions of
campground

Toiletries

☐ Bucket of water (to put out fire)

☐ Toothbrush

Next Steps

- Add firewood vendors for PNW states
- Add info for other states
- Produce app upgrades (e.g., state and local regulations, quarantines) with dontmovefirewood.org
- Continue to encourage reporting of suspected invasives (Oregon invasive species hotline)