

Mitigating Wild Pig Impacts to Water Quality through Education and Outreach



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Wild Pig Overview

- Introduction
- Distribution
- Reproduction
- Diet
- Connection to Water
- Damage Estimates
- Natural Predators
- Management Techniques
- Use of 319 Funds in Texas



Animal Intelligence Quiz



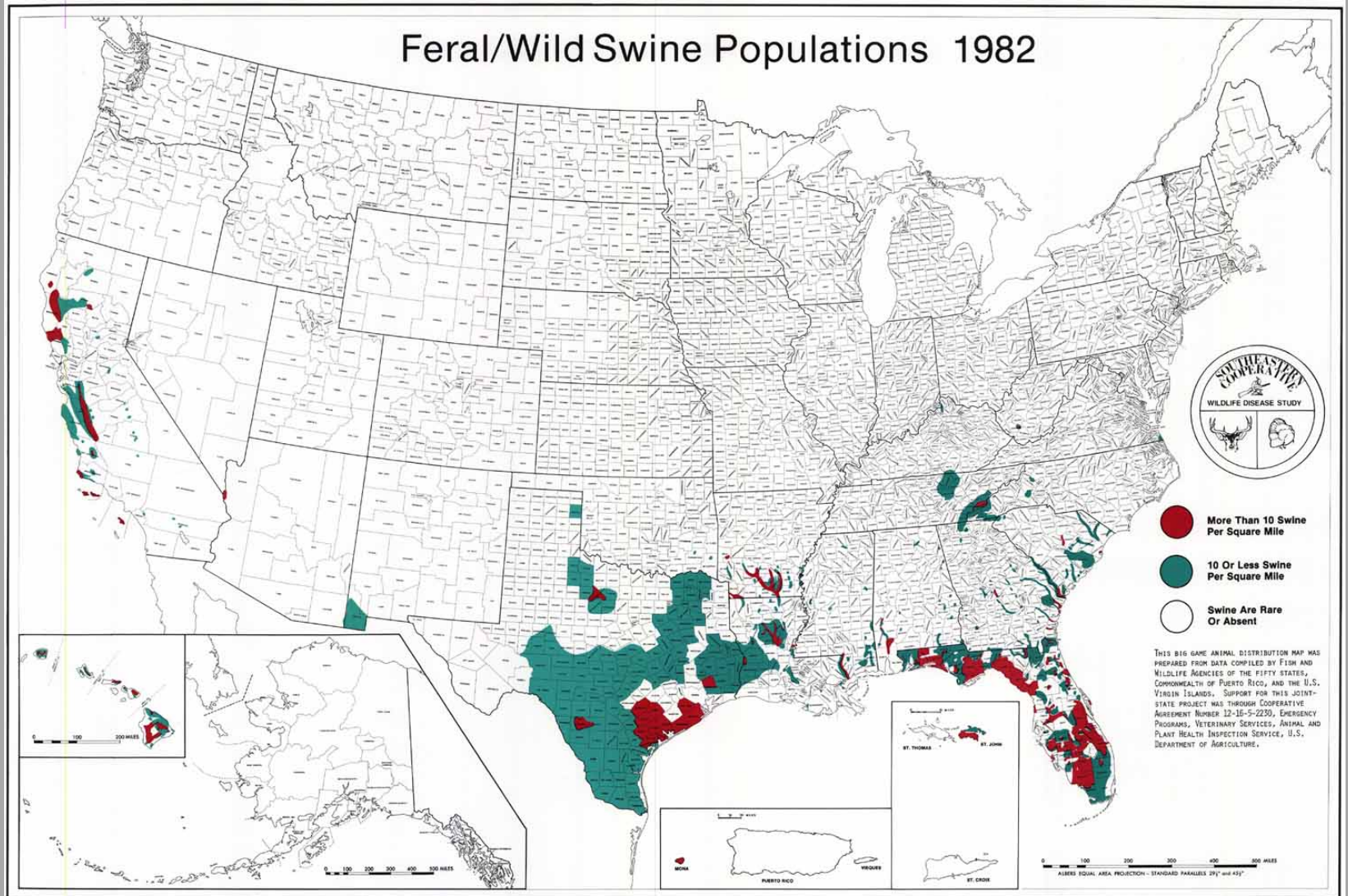
Introduction of Swine in the U.S.

Early U.S. Introductions:

- Introduced with the settlement of Hawaii early as 750 – 1000 A.D.
- Introduced to the U.S. mainland in 1539 by Hernando de Soto

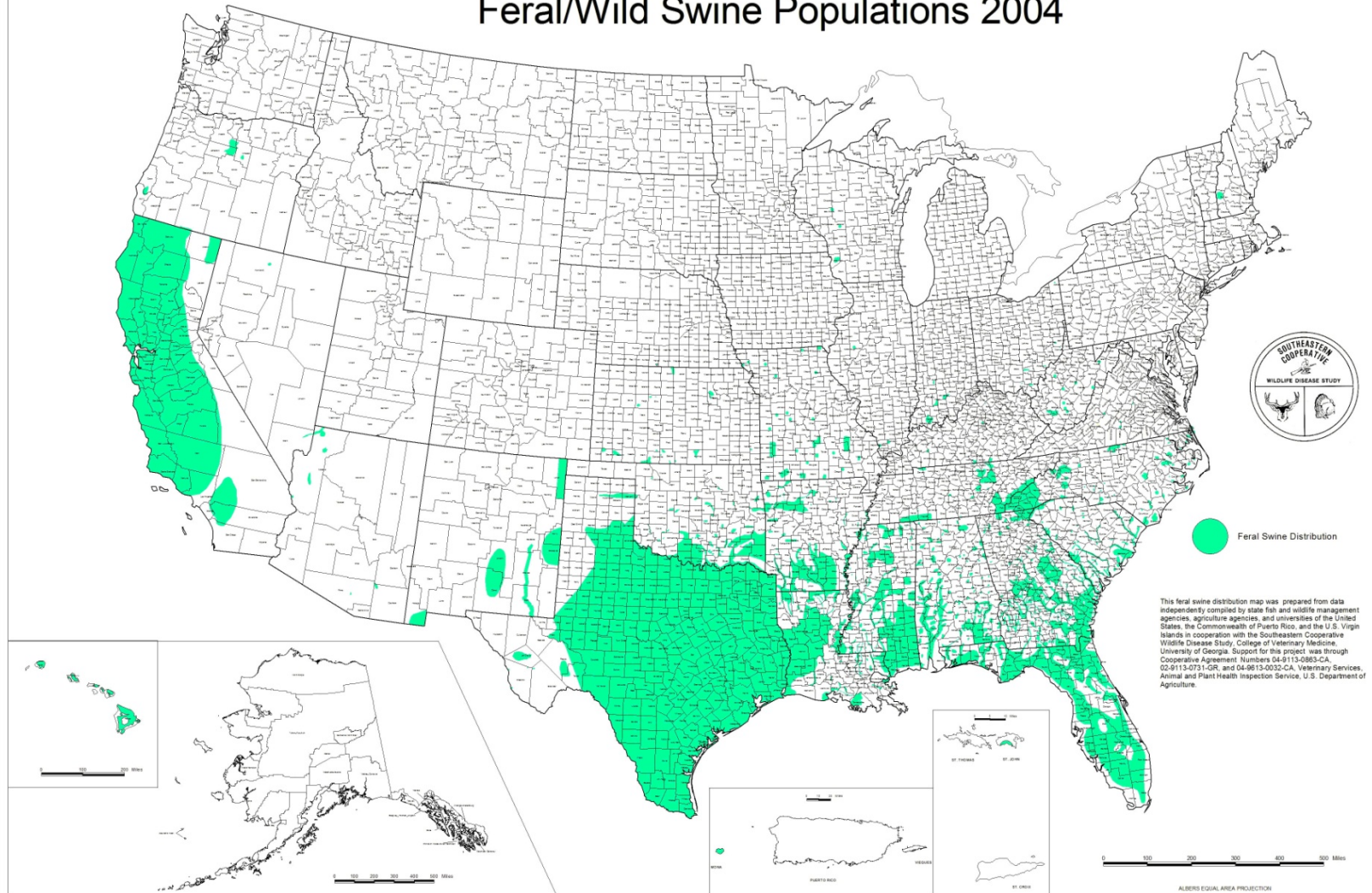


U.S. Distribution

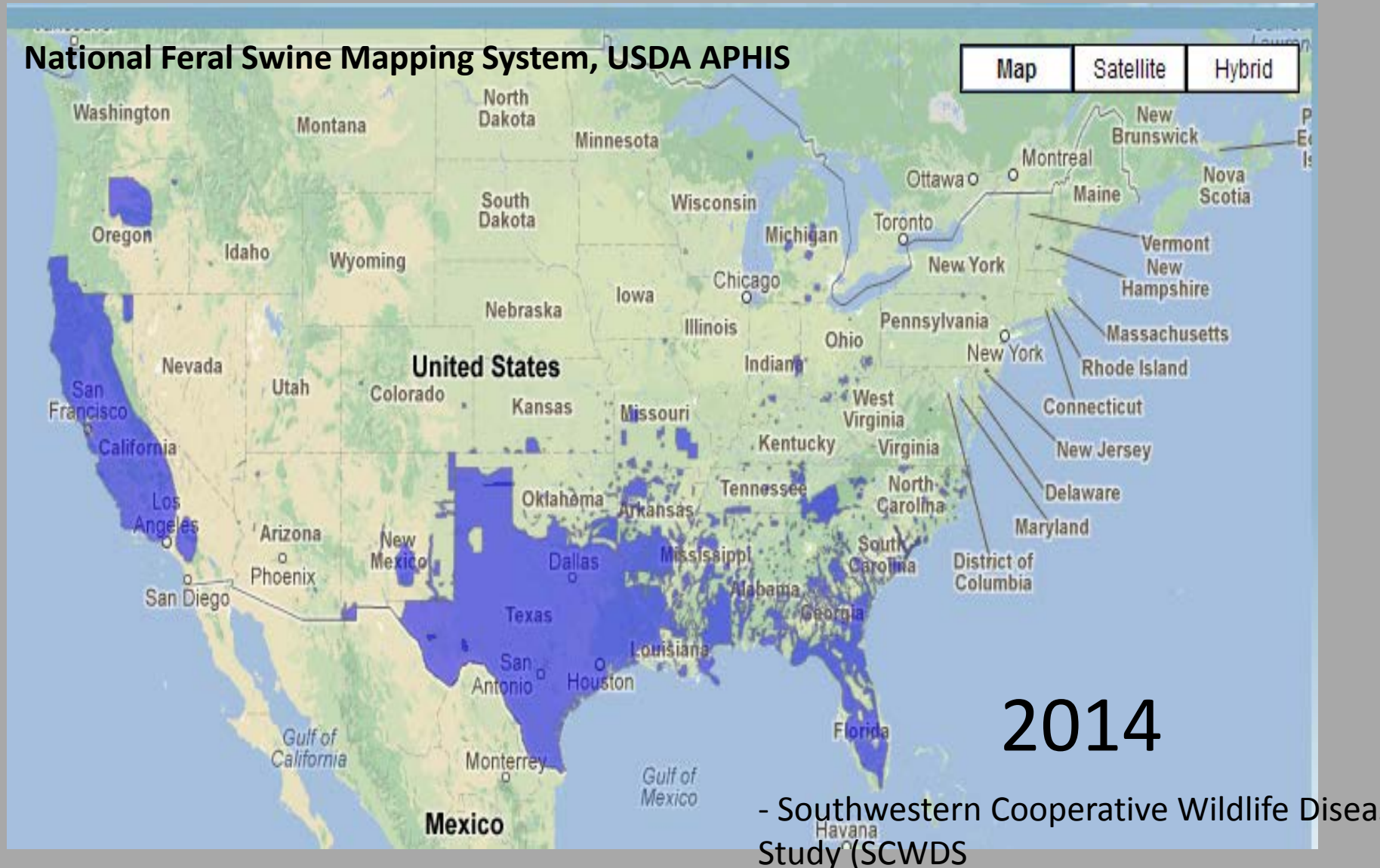


U.S. Distribution

Feral/Wild Swine Populations 2004



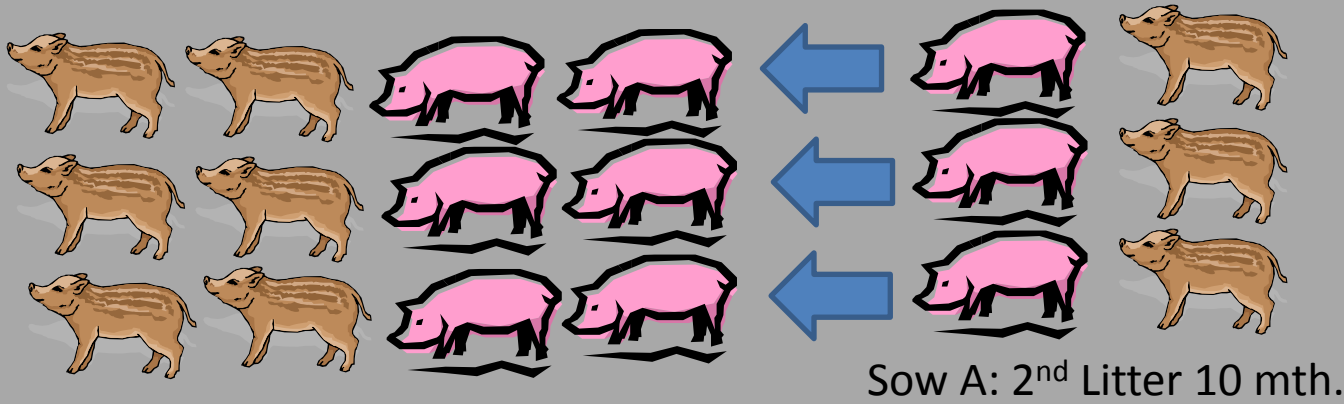
U.S. Distribution



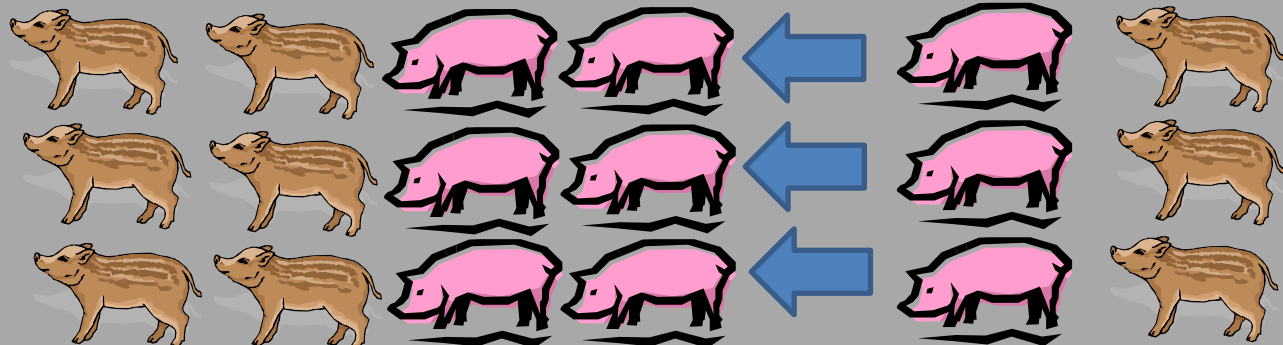
In less than two years: 42 wild pigs can be traced back to 1 sow

Assumptions:
Perfect World
Scenario
Sow A will be
bred 2 months
after farrowing
Gilts will breed at
6 months of age
4 months
gestation
100% Survival

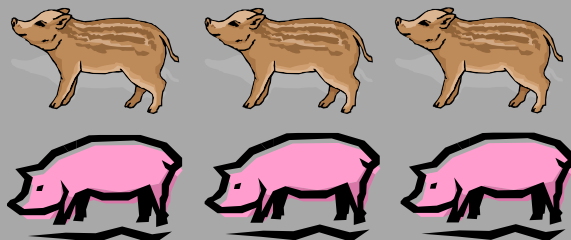
20th mth. 2nd Litter Sows Farrow



14th mth. 1st Litter Sows Farrow



Sow A: 3rd Litter 16 mth.



Sow A



Diet

- Omnivorous
- Opportunistic feeders based on food availability
- “Will eat anything that contains a calorie” – Dr. Billy Higginbotham



Weigh In

365



335



Photo Credit: LeRoy Moczygemba

Why is Water So Important?

- Wild pigs lack sweat glands.
- Thermoregulation is accomplished by:
- Wallowing
- Occupying shaded areas
- Nocturnal feeding



Damage and Estimates

- Types of Damage
 - Food and Water Contamination
 - Infrastructure Damage
 - Property Damage
 - Human and Livestock Pathogen Transmission Risks
 - Reduction in Crop Yields
 - Competition with Native Wildlife
- United States:
 - \$800 Million Annual Damage
- Texas:
 - \$52 Million Agricultural Damage

Natural Predators

- Sows aggressively defend piglets
- Sounders practice group vigilance and defensiveness
- Mountain lions can take adults
- Coyotes and Bobcats can take juveniles



Legal Management Techniques in Texas

Trapping



Snaring



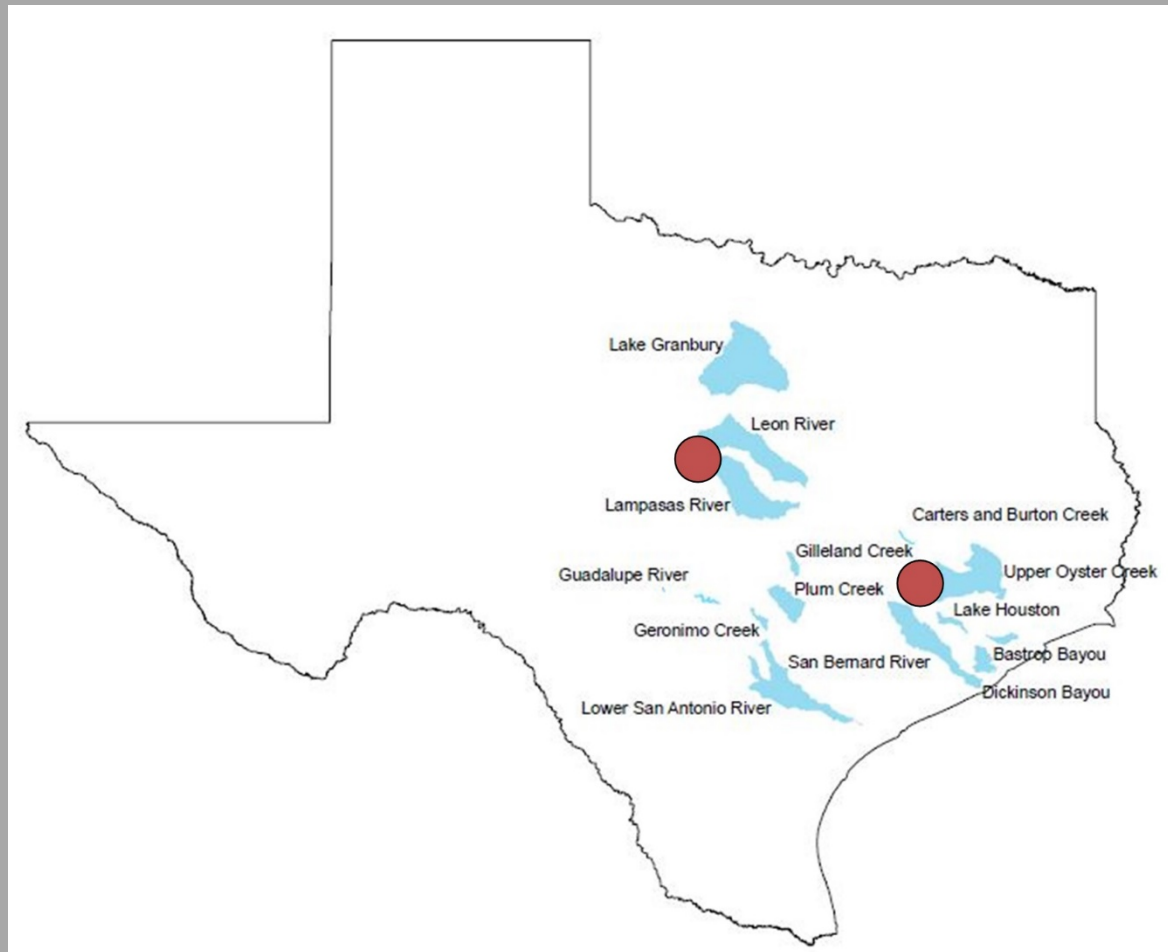
Shooting



Trained Dogs

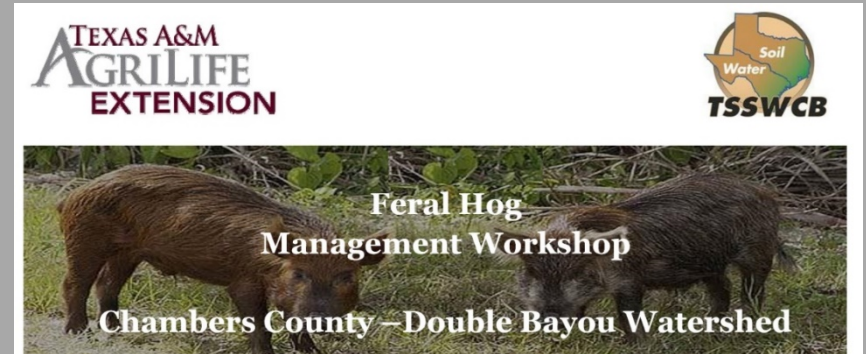


Project Watersheds



Project Outreach

- Watershed-based Wild Pig Educational Trainings
- One-on-one technical assistance site visits
- Online Educational Resources



In-Person Watershed-Based Wild Pig Educational Trainings

- Topics Include:
 - Biology
 - Implications to the Watershed
 - Population Dynamics
 - Transportation Regulations
 - Safety and Disease Concerns
 - Population Reduction Techniques



One-On-One Site Visits

- Property visit with Land Manager and County Extension Agent
- Develop property-specific wild pig management recommendations



Online Wild Pig Educational Resources

- Websites
- YouTube Videos
- Social Media Outlets
- Wild Wonderings Blog
- iPhone App



Online Wild Pig Educational Resources

- Coping with Feral Hogs
<http://feralhogs.tamu.edu>
- Feral Hog Community of Practice
http://extension.org/feral_hogs

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Coping with Feral Hogs



About the Site
This web site was designed to provide information to landowners and the general public on feral hog control, damage, diseases and hunting tips.

Damage caused by feral hogs is a growing problem because of their destructive feeding habits, potential to

Information
2012 International Wild Pig Conference in San Antonio from 15-18 April 2012
Feral Hog Statewide Population Growth and Density
AgriLife Today Busting Feral Hog Myths
[Event] Wildlife for Lunch Webinar Series

Popular Publications

Wildlife and Fish Management Calendar for Texas and the Southeast: A Landowner's Guide
[Look inside...](#)

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[Home](#)

Wild Pig Damage Abatement Education and Applied Research Activities

Hogs in the Peaches-Follow us LIVE!!!-Part I

Hogs in the Peaches-Follow us LIVE!!!-Part II

Hogs in the Peaches-Follow us LIVE!!!-Part III

Hogs in the Peaches-Follow us LIVE!!!-Part IV

Hogs in the Peaches-Follow us LIVE!!!-Epilogue

Webinars

About Feral Hogs

Frequently Asked Questions-General

Frequently Asked Questions-Wild Pigs

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Feral Hogs



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Feral Hog Field Sign
Figure 1. Feral hog in natural habitat. Controlling new populations of feral hogs (also called wild hogs or wild pigs; *Sus scrofa*) is most successful if such...>Read More


More about this Resource Area [LEARN MORE](#)

Resources
History and Biology
Feral hog biology
Feral hog history
Feral hog distribution
Damages
Feral hog damage
Human interactions with feral hogs
Feral hog diseases and parasites
Feral hog safety issues and concerns

Our People

J. ("Jack") Mayer

Recent Webinars
Current and Future Feral Hog Research
Feral Hog Disease Issues
Control Techniques and Managing Feral Hog Populations
The History and Biology of Feral Hogs in the United States

Latest Tweets
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 **Feral Hogs CoP** 27 Apr
@feralhogsCoP
#Missouri #wildpigs: #OzarkCounty - Ozark County Times | @scoopit sco.14/50HUBN
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Online Wild Pig Educational Resources

- TAMU Wildlife and Fisheries Extension
<http://youtube.com/WFSCAgrilife>



Online Wild Pig Educational Resources

- Facebook- <http://facebook.com/feralhogcop>



- Twitter- <http://twitter.com/feralhogscop>



Online Wild Pig Educational Resources

- Wild Wonderings Blog
- <http://wild-wonderings.blogspot.com>

Wild Wonderings Texas A&M Agrilife Extension Service



APR
4

Wildlife Management Property Tax Valuation: If your trapping hogs, your almost there!

by Kristen Tyson, M.A.

Do you trap or hunt feral hogs on your property? Would you like to save on your tax bill? Read on.

Improved Feral Hog Box Trap

Wildlife Management Plans (WMP) are usually created by landowners or managers who have a vision for their property and seek to utilize all that the land has to offer whether it's part of their livelihood to be hunted or



APR
4

Potential for a Sodium Solution: Sodium Nitrite as a Toxicant for Feral Hogs

By:

Mark Tyson, M.S., Extension Associate

James Cash, Student Assistant

J. Matt Wilkins, Student Assistant

The feral hog (*Sus scrofa*) is quickly becoming one of the most prolific invasive exotic species known to occur in Texas. Land managers have



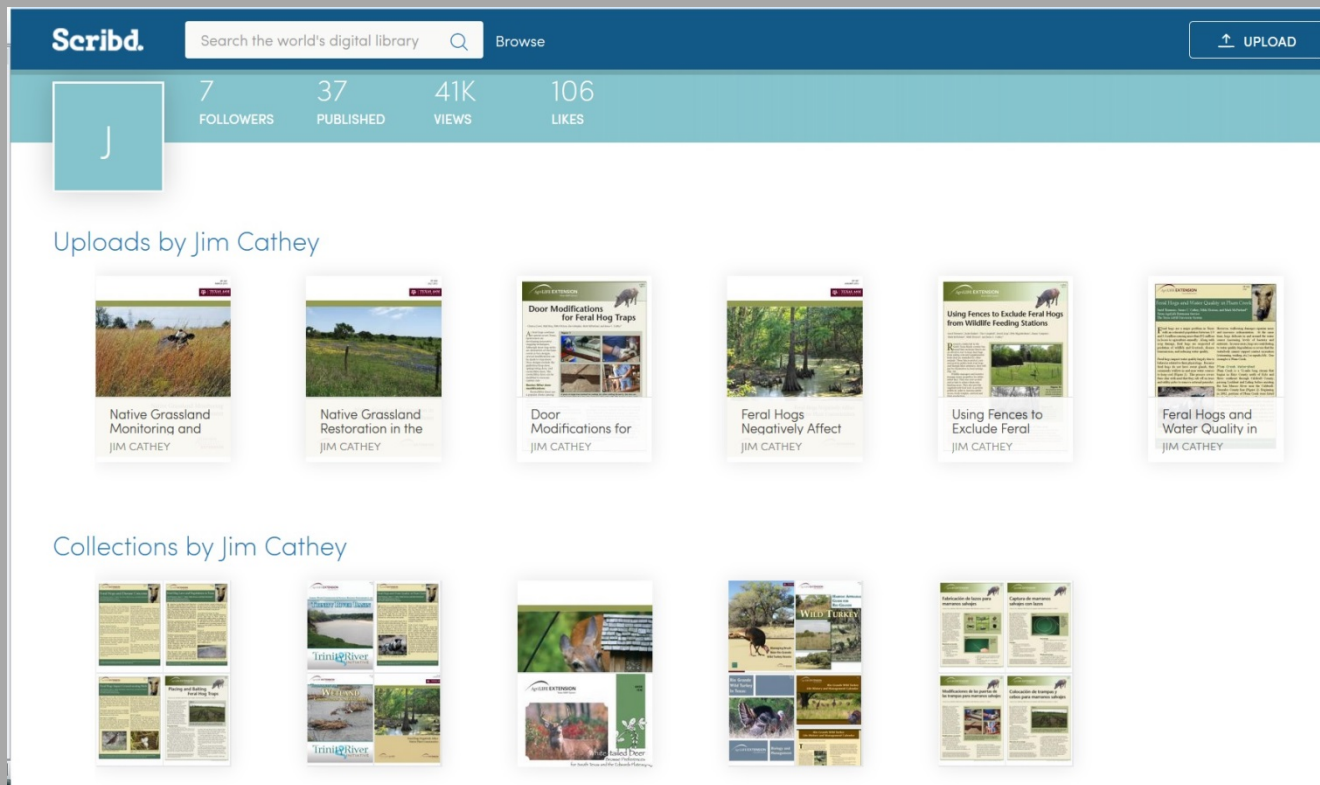
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What does the lesser prairie chicken "threatened" listing mean for me as a landowner?

This may be a question many landowners are asking since the U.S. Fish and Wildlife Service (USFWS) announced in March 2014 that the lesser prairie chicken (*Tympanuchus pallidicinctus*) had been listed as "threatened" under the Endangered Species Act (ESA). "Threatened" means a species is likely to become endangered within the foreseeable future. The 2013 population survey found almost a 50 percent reduction to a record low of 17,616 birds.

Online Wild Pig Educational Resources

- Scribd
- http://scribd.com/jccathey_scribd



Online Wild Pig Educational Resources

- Feral Hog Management App



- Available in the iTunes Store
- iPhone, iPad and iPod Touch
- Android version in the works

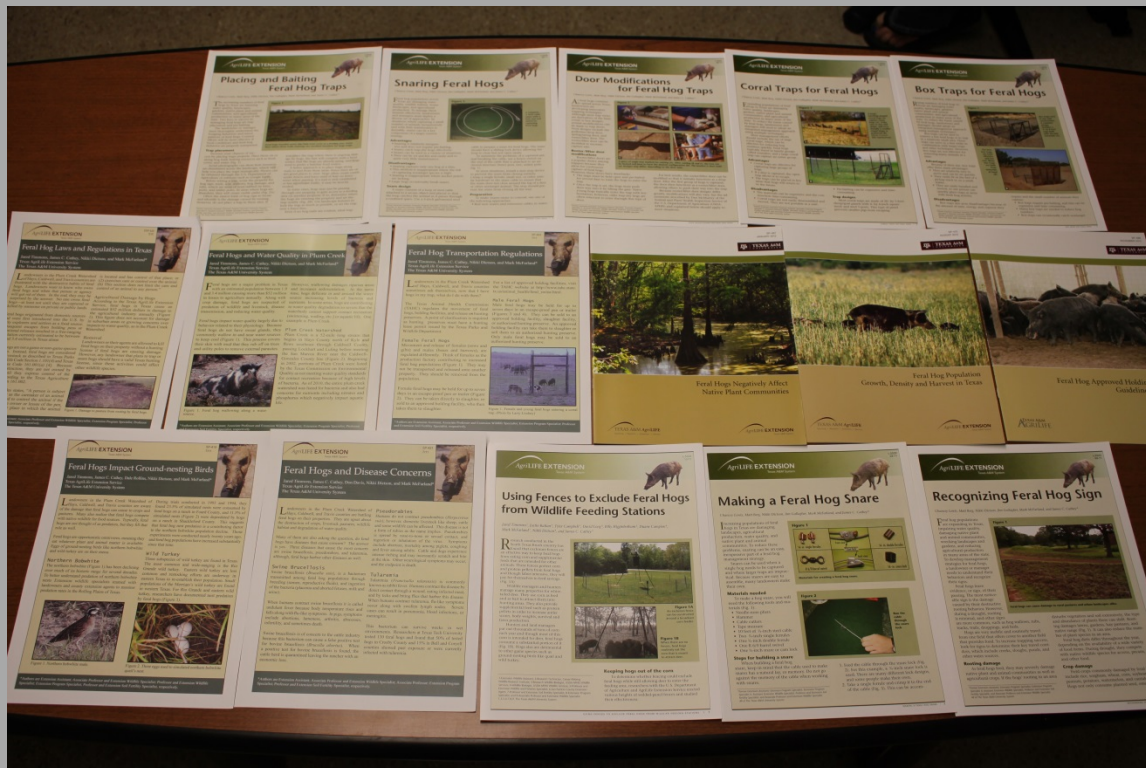
The advertisement features a large smartphone silhouette on a yellow background. The phone screen displays the app's interface, which includes the text "Feral Hog Management", the Texas A&M logo, and "TEXAS A&M AGRILIFE EXTENSION". A silhouette of a person is shown interacting with the phone. Below the phone, on a dark blue background, is the text "Feral Hogs: There's an App for that!". At the bottom, a small line of text states: "Feral Hog Management is available in the iTunes Store for use with iPhone, iPad and iPod Touch."

**Feral Hogs:
There's an App for
that!**

Feral Hog Management is available in the iTunes Store for use with iPhone, iPad and iPod Touch.

In-Print Wild Pig Educational Resources

- 11 Publications and 5 Factsheets
- www.agrilifebookstore.org



Project Funding

- Provided through a Clean Water Act §319(h) nonpoint source grant from the Texas State Soil and Water Conservation Board and the U.S. Environmental Protection Agency



Questions?

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