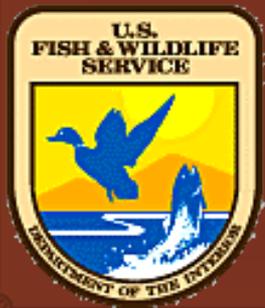


Partners for Fish and Wildlife Program



Cyndee Watson

**State Coordinator for the Partners for
Fish and Wildlife Program in Texas**



Private Lands, Public Benefit



Mission:

To efficiently achieve voluntary habitat restoration on private lands, through financial and technical assistance, for the benefit of federal trust species

fws.gov/partners



U.S. Fish & Wildlife Service

Texas Partners for Fish & Wildlife Program

State Coordinator

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Chris Chapa christopher_chapa@fws.gov



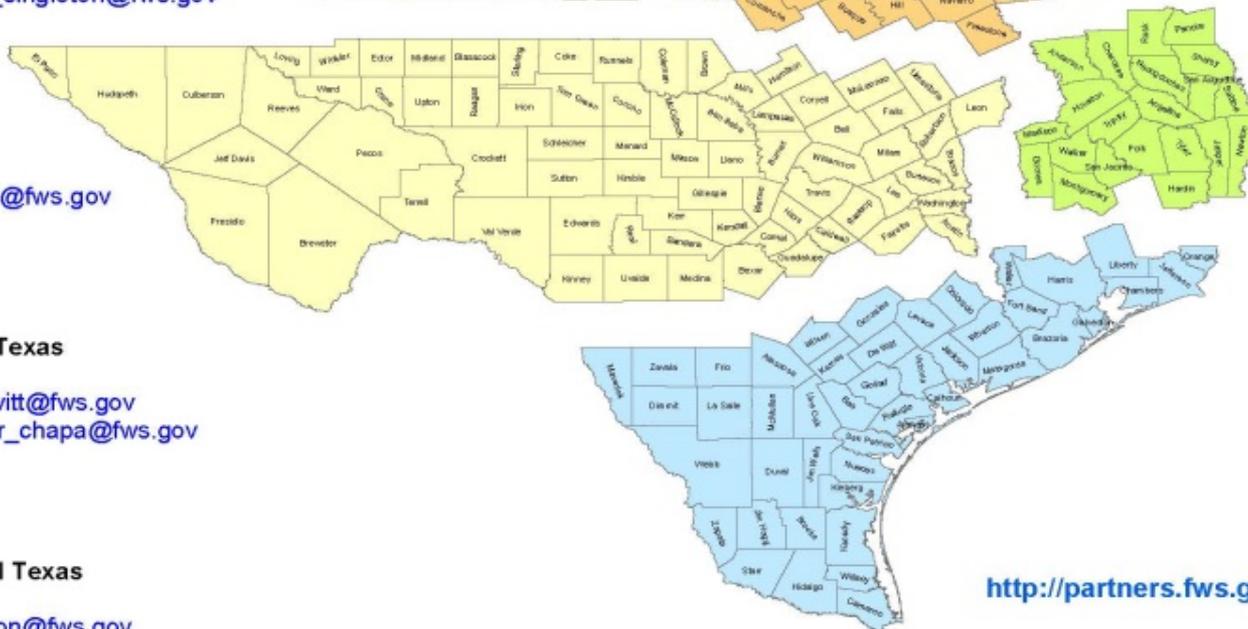
South Texas and Coastal Texas

(361) 994-9005

Tim Anderson tim_anderson@fws.gov

Chad Stinson chad_stinson@fws.gov

Collin	Elsworth	Haskell	Ochiltree	Lipscomb
Hodley	Moore	Holt/Johnson	Roberts	Hemphill
Oldham	Fisher	Coman	Gray	Wheeler
Deaf Smith	Randall	Armstrong	Darley	Collingsworth
Parker	Castro	DeSoto	Briscoe	Hall
Bailey	Lamb	Hale	Floyd	Mohr
Clayton	Hickory	Lubbock	Crusby	Dickens
Yoshiki	Terry	Lynn	Garza	Hart
Garza	Dawson	Borden	Scurry	Fisher
Andrew	Martin	Horsford	Wheeler	Nolan
				Taylor



<http://partners.fws.gov>

Equal opportunity to participate in and benefit from program and activities of the U.S. Fish & Wildlife Service is available to all individuals regardless of physical or mental disability. For more information please contact the U.S. Department of the Interior, Office of Equal Opportunity, 1849 C Street NW, Washington D.C. 20240.

Partners For Fish and Wildlife



What Do We Do?

- ∞ Fund Habitat Restoration/
Enhancement Projects on Private
Lands
- ∞ Brush Management
- ∞ Grassland Restoration
- ∞ Riparian Restoration and
Management

Grassland Dependent Species



- œ Projects that have a Benefit to Migratory Birds, Pollinators and Others Species
 - œ Brush Management
 - œ Rx Burning
 - œ Grassland Restoration

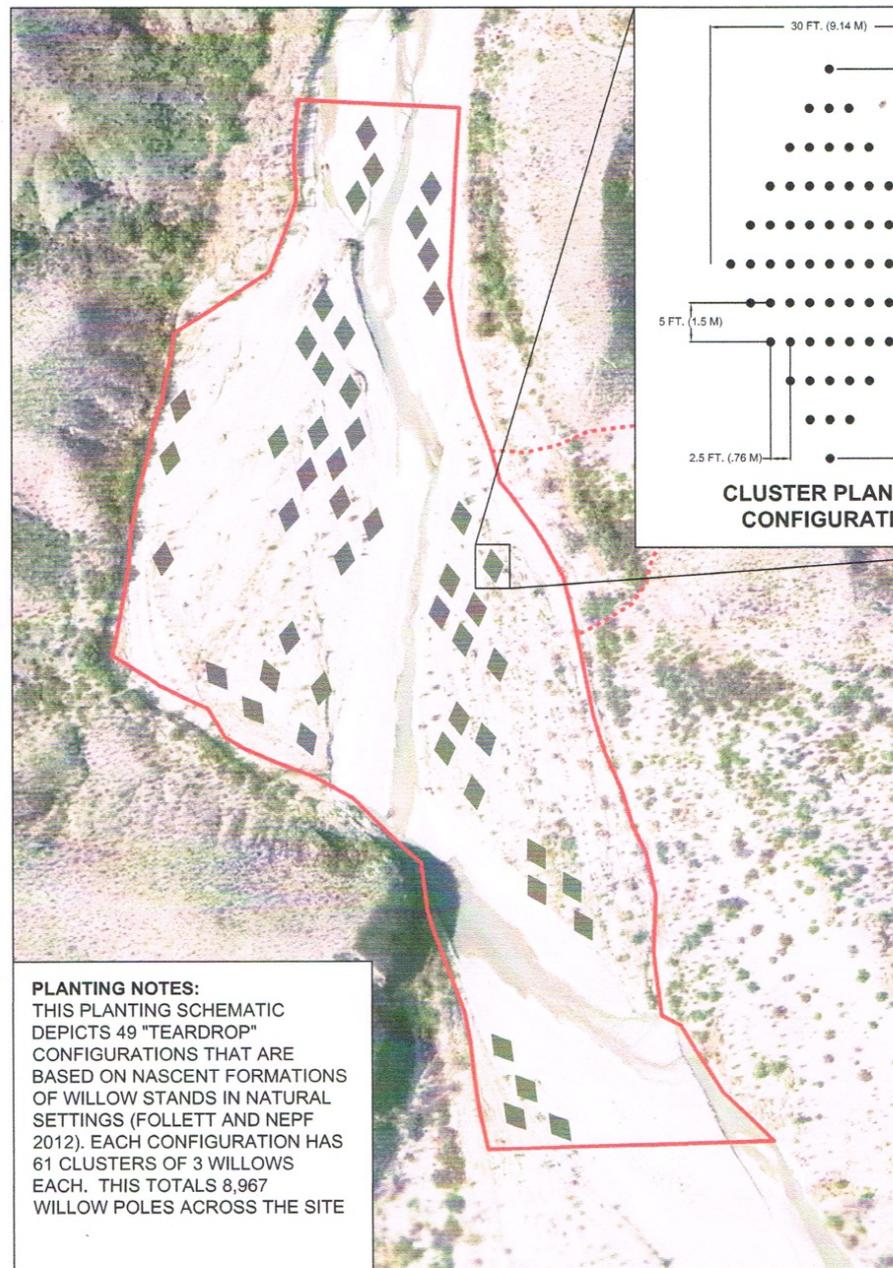
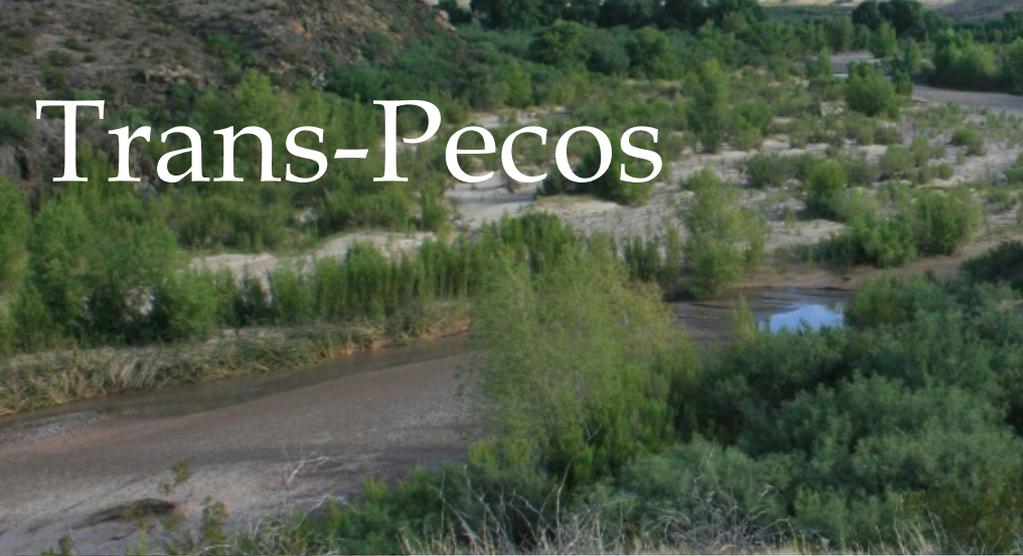


Edwards Plateau





Trans-Pecos



PLANTING NOTES:
 THIS PLANTING SCHEMATIC DEPICTS 49 "TEARDROP" CONFIGURATIONS THAT ARE BASED ON NASCENT FORMATIONS OF WILLOW STANDS IN NATURAL SETTINGS (FOLLETT AND NEPF 2012). EACH CONFIGURATION HAS 61 CLUSTERS OF 3 WILLOWS EACH. THIS TOTALS 8,967 WILLOW POLES ACROSS THE SITE

Prepared By
 Fred Phillips Consulting, LLC
 401 South Lamar Street
 Pleasant Hill, CA 94503
 Tel: 928.773.1530
 Fax: 928.774.4166



Prepared For
 Commission for Environmental Cooperation
 363 Rue Saint-Jacques Ouest #200
 Montreal, QC H2Y 3K5
 Tel: +1 514.300.4378
 Email: chelmon@cec.org



TERLINGUA CREEK
 DRAFT WILLOW POLE CLUSTER
 PLANTING SCHEMATIC



Lost Pines







High Plains



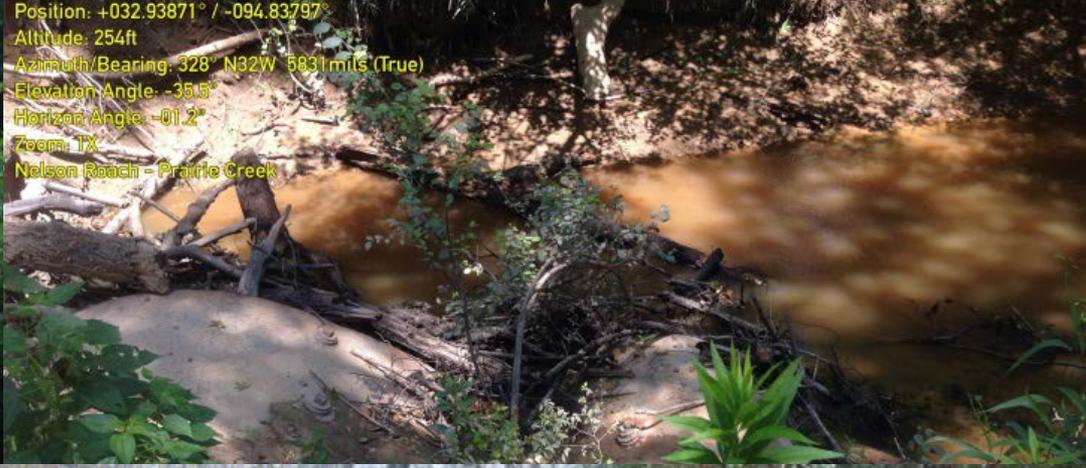
Gulf Prairies and Marshes DU Texas Prairie Wetland Project



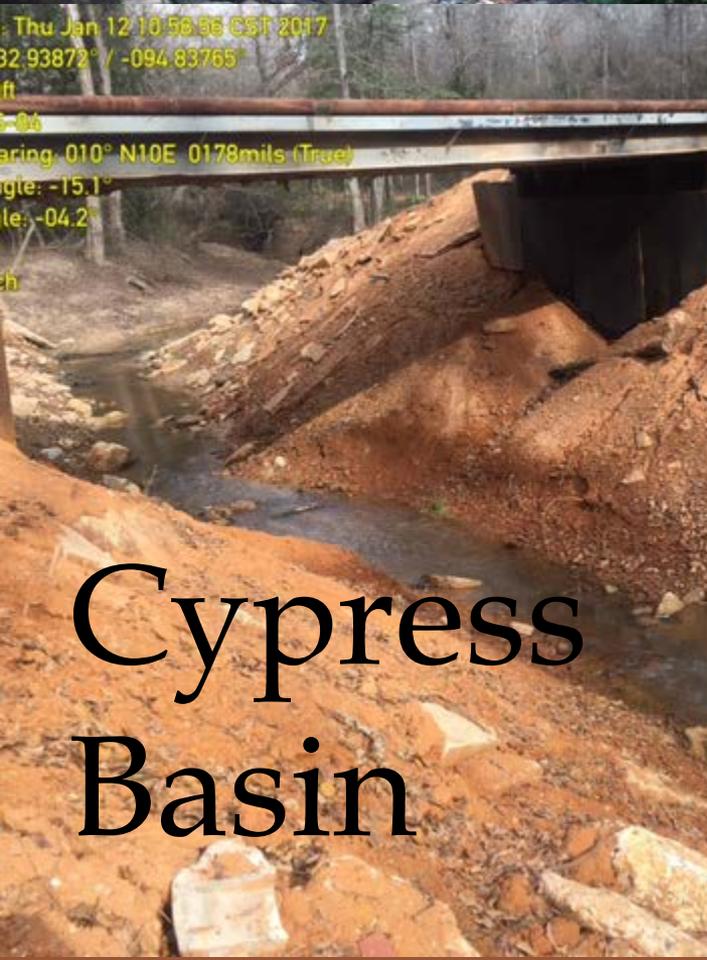




4°
rie Creek



Position: +032.93871° / -094.83797°
Altitude: 254ft
Azimuth/Bearing: 328° N32W 5831mils (True)
Elevation Angle: -35.5°
Horizon Angle: -01.2°
Zoom: 1X
Nelson Roach - Prairie Creek



Thu Jan 12 10:58:56 CST 2017
Position: +032.93872° / -094.83765°
Altitude: 321ft
Datum: WGS-84
Azimuth/Bearing: 010° N10E 0178mils (True)
Elevation Angle: -15.1°
Horizon Angle: -04.2°
Zoom: 1X
Nelson Roach



Date & Time: Thu Jan 12 10:58:14 CST 2017
Position: +032.93872° / -094.83768°
Altitude: 321ft
Datum: WGS-84
Azimuth/Bearing: 068° N68E 1209mils (True)
Elevation Angle: -13.6°
Horizon Angle: -01.7°
Zoom: 1X
Nelson Roach

Cypress Basin



Agreements



☞ Private Landowner Agreement

☞ Landowners

- ☞ Design and Develop plan - mutual Goals
- ☞ Match is negotiable
- ☞ We do all the paperwork
 - ☞ No Burden on Landowner
- ☞ Reimbursed All at Once or in Sections

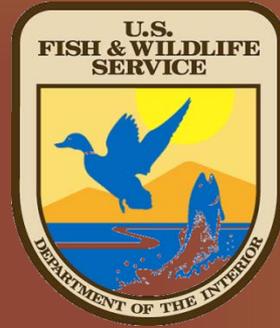
☞ Cooperative Agreement

☞ State Agencies/NGO's

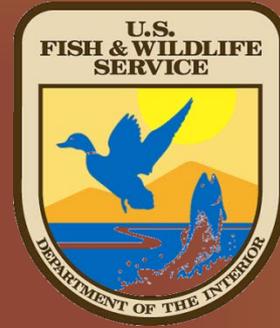
- ☞ Find Cooperators through Sub-recipient Agreements
- ☞ Work with Recipient and Sub-recipient
- ☞ Ex-TPWD, TFS, TNC, DU, CBBEP, and Grasslans Alliance



Funding



- œ Projects based on NRCS technical guide
- œ Allows for a simplified process with great benefits to the land, landowner, and wildlife
- œ 50 to 75% of practice costs are reimbursed by the Partners for Fish and Wildlife Program



Process - PFW



Prescribed Fire on Private Lands



Partnerships



Benefits

- ∞ All Personnel are NWCG Qualified
- ∞ Landowners responsible for firebreaks
- ∞ Burn Plan and Agency Administrator
- ∞ FWS Costs are reduced



Partners



United States Department of Agriculture
Natural Resources Conservation Service



The Nature Conservancy



Protecting nature. Preserving life.™



TEXAS A&M
FOREST SERVICE

Working Lands for Wildlife

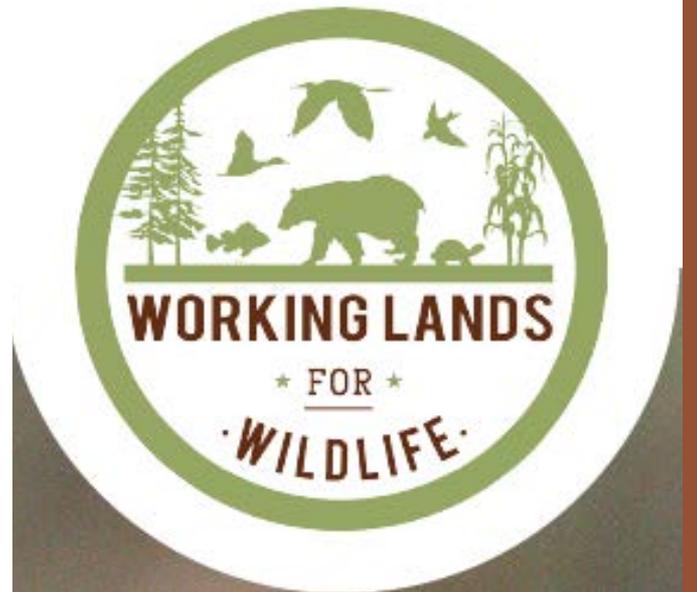
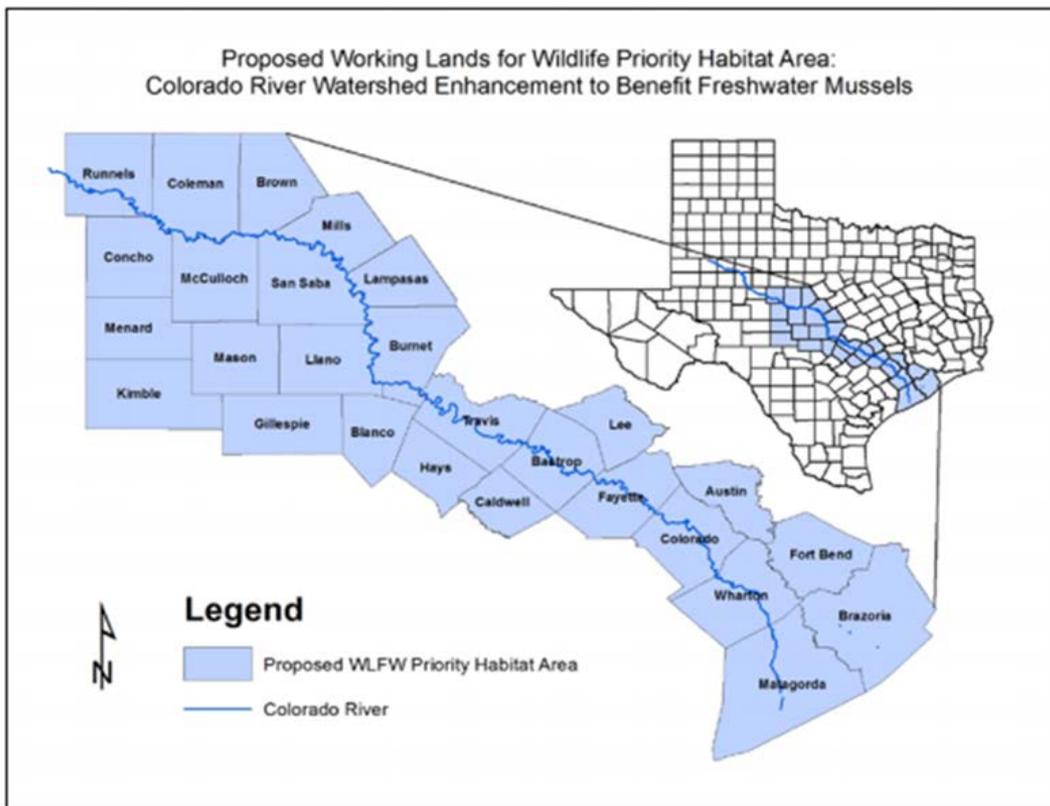
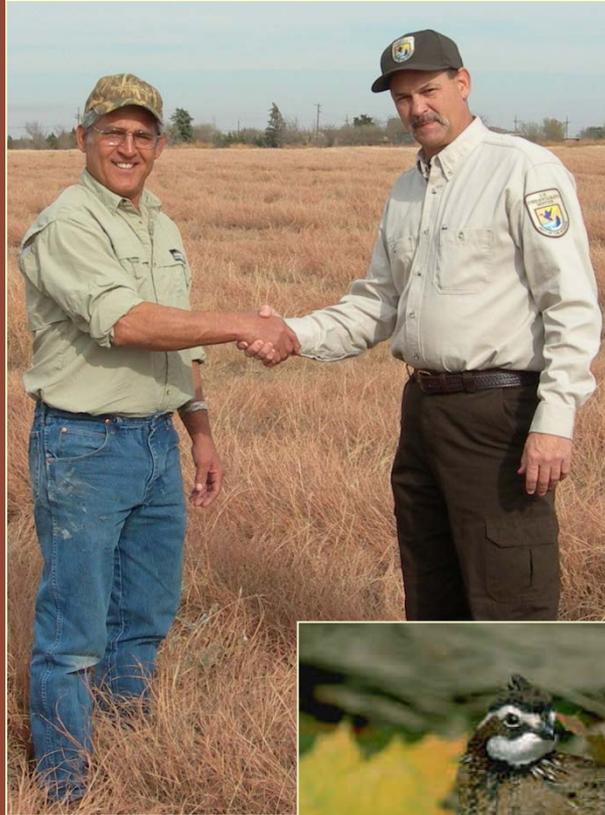


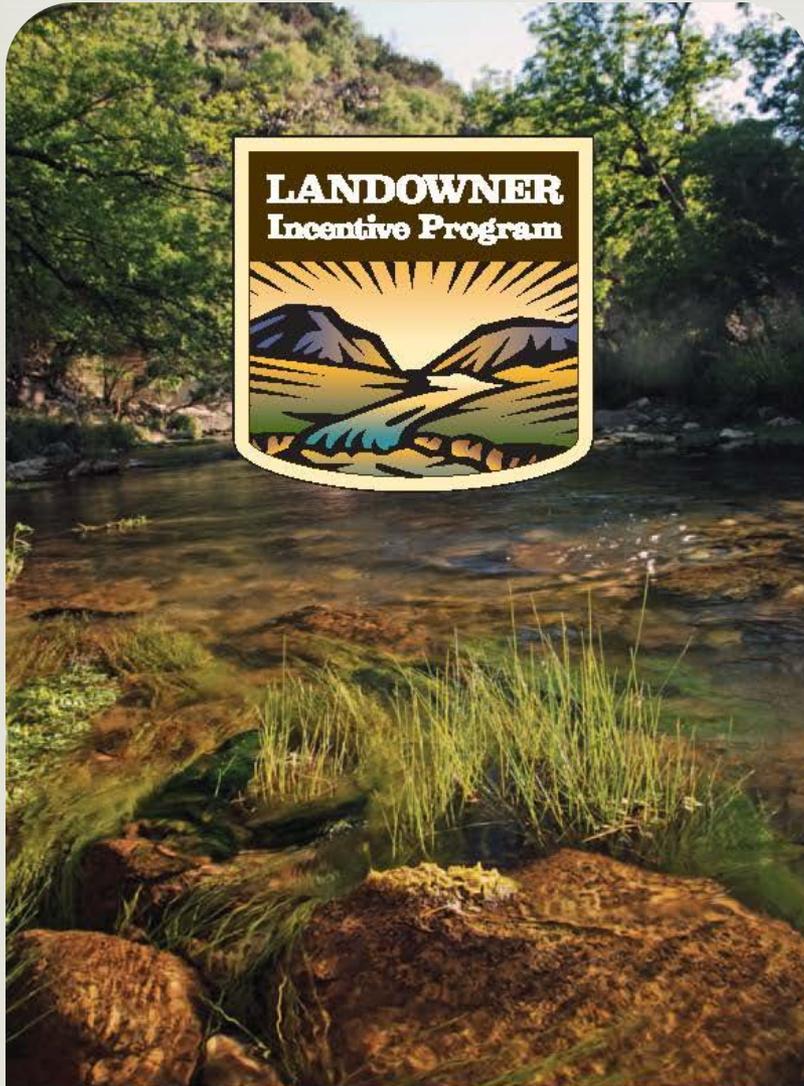
Table 1. Target at-risk freshwater mussel species known to occur historically in the Colorado River basin of Texas. Updated by USFWS from:

https://www.fws.gov/southwest/es/Documents/R2ES/Status_Table_Texas_Mussels_Oct_2011.pdf

QUESTIONS?



© National Wild Turkey Federation



Texas Parks & Wildlife Department

Landowner Incentive Program

LIP

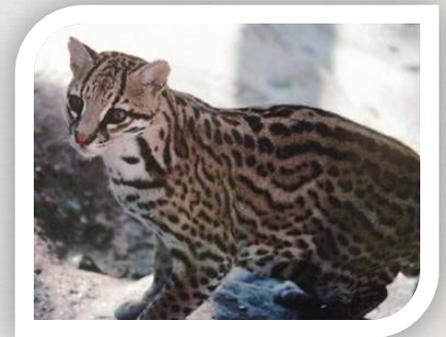


Arlene Kalmbach, TPWD



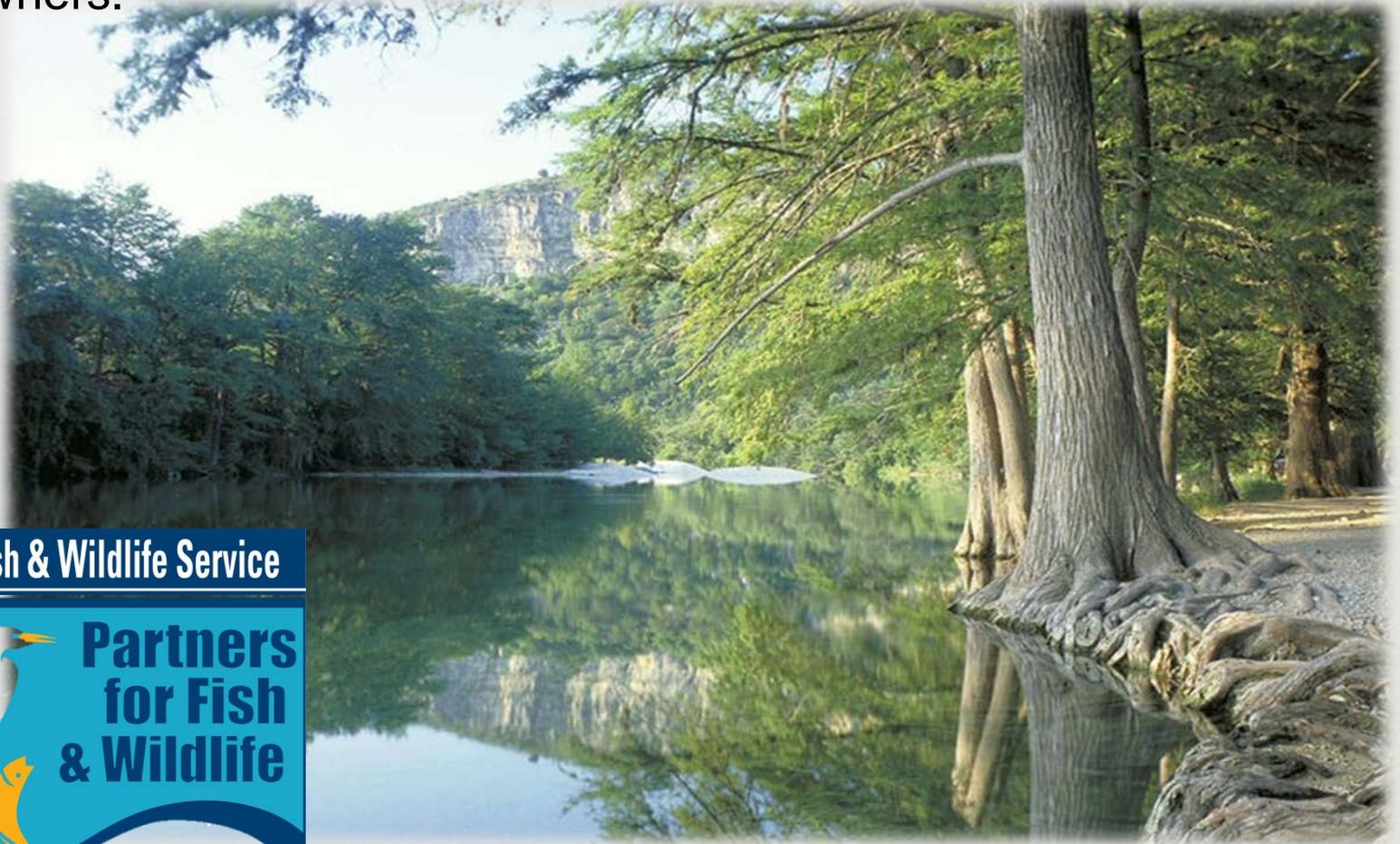
What is LIP?

A competitive, incentive based cost share program for private landowners wishing to enhance their property, to establish or restore habitat for state and federal trust fish, wildlife and plant species and promote healthy terrestrial and aquatic ecosystems.



Who *is* LIP?

Currently sustained thorough partnerships with TPWD Wildlife and Inland Fisheries Divisions, the USFWS Partners for Fish and Wildlife Program and state contributions. The largest partner is always the landowners.



What does LIP do?

Some commonly Funded LIP Practices include :



- Brush management
- Wetland enhancement
- Invasive species management

- Erosion control
- Riparian protection
- Native vegetation planting

2018

Pre-proposal submission deadline:

February 15th 2018

1. **Highest** priority:

- Projects within identified priority watersheds that are expected to directly benefit listed or candidate species and their habitats OR species identified as “high priority” in the Texas Conservation Action Plan.



2. High priority: projects that are expected to directly benefit listed or candidate species and their habitats OR species identified as “high priority” in the Texas Conservation Action Plan, **but not located in a priority watershed.**
3. Other priority: projects that are expected to benefit other state or federal trust species and their habitats.



Priority Watersheds

- Brazos River Basin (especially above Possum Kingdom reservoir),
- Colorado River Basin (especially the Llano, Pedernales, and San Saba Rivers and Onion Creek),
- Guadalupe River Basin,
- Rio Grande River Basin (including the lower Pecos and Devil's Rivers).



Special emphasis placed on projects that

- Offer long-term protection,
- Offer long-term monitoring,
- Projects willing to provide location-specific data to inform future conservation efforts for such species.
- show benefit to freshwater mussel species of conservation concern (ESA Candidates or petitioned)
- Pollinator species
- cost-effective projects
- Projects that demonstrate efficiency and sustainability
- Projects that create corridors or are within close proximity to FWS, TPWD, or other privately protected areas,
- Demonstrate relevance to emerging conservation issues.
- And Offer Long term protection

Awards do not generally exceed more than \$25,000 in LIP reimbursement.

ALL good projects should submit a pre-proposals regardless of location & regardless of the target species prioritization ...we very often fund good habitat projects not within designated focus areas.



A LIP PROJECT – START TO FINISH

IDEA
~ 1 month

- Submit pre-proposal
- Receive a request for full proposal

AWARD
~ 2 months

- Submit full proposal
- Receive award notice after review period
- Contracting (clearances, payee form, signatures, etc.)

EXECUTION
1-3 Years

- Complete work (typically a year – mother nature, private landowners personal agendas, etc.)

REIMBURSEMENT

- Site visit with LIP & FWS staff to verify work*
- 2 page Invoice to TPWD submitted *(no supporting documentation required)*
- Check cut from Comptroller's Office

**can be entire project or a defined phase of the project.*



**FOR PASTURES
UPLAND BIRDS**



Provides cost-share incentives and technical guidance to private landowners to restore native grass and forb vegetation on pastures dominated by exotic grasses such as Bermudagrass, bahiagrass, and Old World bluestems.

TPWD PUB Program staff:

Arlene Kalmbach – Program Administrator

Tim Siegmund – Regulatory biologist & on the ground coordination of PUB

Provides cost-share incentives and technical guidance to private landowners to restore native grass and forb vegetation on pastures dominated by exotic grasses such as Bermudagrass, bahiagrass, and Old World bluestems.



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Provide:

- Technical Guidance, project management and oversight
- Herbicide
- access to the Truax drill

Provides cost-share incentives and technical guidance to private landowners to restore native grass and forb vegetation on pastures dominated by exotic grasses such as Bermudagrass, bahiagrass, and Old World bluestems.



Provide:

- Technical Guidance, project management and oversight
- Herbicide
- access to the Truax drill

Provide:

- Funding for the purchase of all seed
- Additional technical guidance as needed

Provides cost-share incentives and technical guidance to private landowners to restore native grass and forb vegetation on pastures dominated by exotic grasses such as Bermudagrass, bahiagrass, and Old World bluestems.



Provide:

- Technical Guidance, project management and oversight
- Herbicide
- access to the Truax drill

Provide:

- Funding for the purchase of all seed
- Additional technical guidance as needed

Provide:

- land
- labor
- commitment

“This program benefits landowners whose goals include habitat improvement for butterflies, quail, turkey, migratory songbirds, white-tailed deer, pollinators, Texas horned lizard, other nongame wildlife, wildlife tax valuation, sustainable forage production, or preserving Texas’ native prairie legacy.”



The broader public benefits from native prairie restoration through improved water quality, groundwater recharge, carbon sequestration, erosion control, outdoor education, and recreational opportunities.”

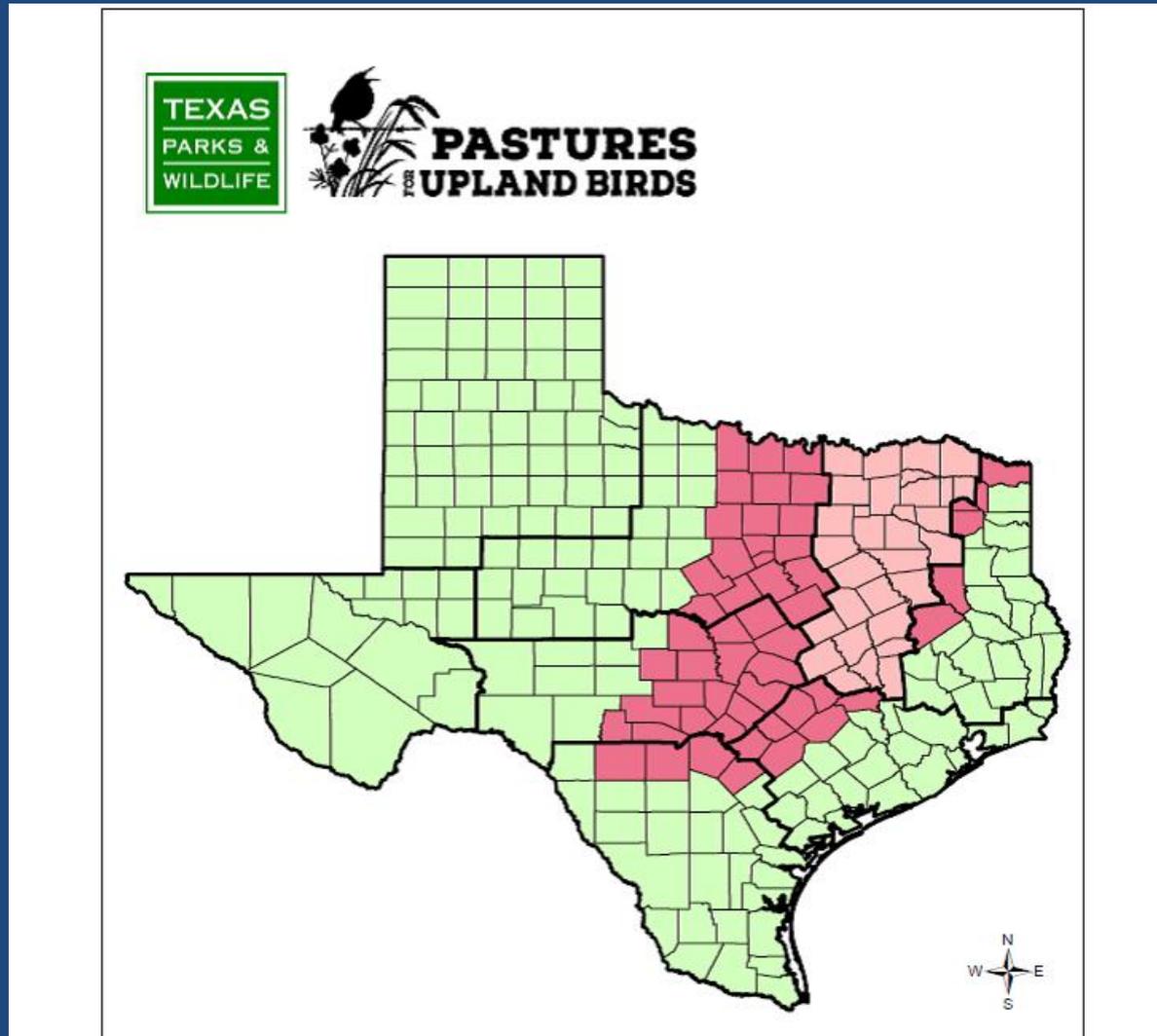
Additional Benefits

- Determine strategy to eliminate exotic perennial grasses
- Provide technical assistance and cost share incentives to private landowners.
- Establish demonstration sites throughout the Post Oak, Blackland, and other regions
- Benefit grassland dependent species – pollinators, upland birds, etc.



Photo from Matt Wagner

Shaded areas along the I-35 corridor will be targeted for the FY 2017 PUB funding



Project Establishment

- Landowner works with a TPWD biologist to draft a project
- Project is worked up into an agreement

Site Preparation

- Site prep is done -herbicide, mechanically working the ground, etc. (no brush management projects)

Planting

- Seed is ordered by TPWD & shipped to biologist
- Landowner plants seed

Additional Details

- \$140/acre for seed
- 2 year agreements
- Rolling enrollment





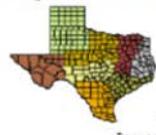
Wildlife Management in the Texas Post Oak Savannah

- [Wildlife District](#)
- [Landowner Assistance](#)
- [Wildlife Management Areas](#)
- [Habitat Management](#)
- [White-tailed Deer](#)
- [Upland Game](#)
- [Waterfowl](#)
- [Pastures for Upland Birds](#)
- [Texas Wildlife](#)

Upland Game in the Post Oak Savannah and Blackland Prairie

- [Bobwhite Quail](#)
- [Mourning Dove](#)
- [Wild Turkey](#)

Navigate To Another Wildlife District



Texas Parks and Wildlife
Department
Wildlife Division District Map

Post Oak Savannah and Blackland Prairie Wildlife Management



Pastures For Upland Birds

Program Goal

The Pastures for Upland Birds Program (PUB) provides cost-share incentives and technical guidance to private landowners to restore native grass and forb vegetation on pastures and hayfields dominated by exotic grasses such as Bermudagrass, bahiagrass, and Old World bluestems. Funding for this TPWD Program is made possible, in part through a cooperative agreement with the [USFWS Partners for Fish and Wildlife Program](#). All projects approved for funding are thereby subject to the terms and conditions of that Agreement.



Background

Historically, native tallgrass prairies and prairie-oak savannahs dominated over 24 million acres in east-central Texas. These ecosystems provided essential habitats for many forms of wildlife, including for grassland birds. Grassland birds that were part of the native prairie ecosystem included: Eastern Meadowlark, Northern Harrier, Le Conte's Sparrow, Short-eared Owl, Dickcissel, Scissor-tailed Flycatcher, Mourning Dove, Northern Bobwhite, Eastern Wild Turkey, and others.



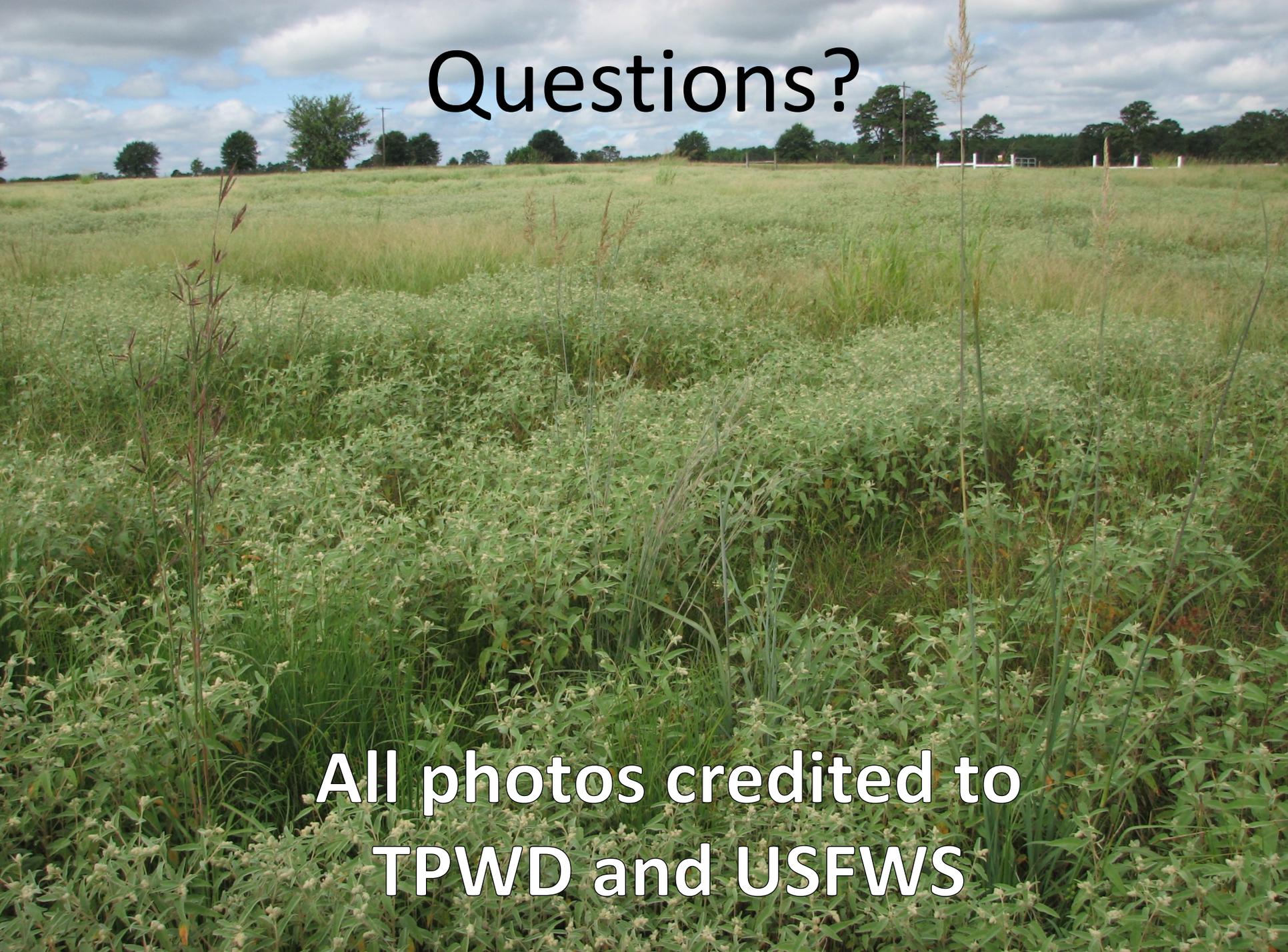
Over the last century and a half, the region's native prairies and savannah grasslands were converted to agricultural land uses and have virtually disappeared. One of the obvious consequences of this massive prairie conversion was the loss of millions of acres of natural biological diversity and wildlife habitat. Breeding Bird Surveys show that most grassland bird species have continued to experience long-term population declines. The widespread conversion of these



March 2012



April 2016

A photograph of a grassy field with a white fence and trees in the background under a cloudy sky. The foreground is dominated by tall, green grasses and weeds. The background shows a white fence line, several trees, and a cloudy sky.

Questions?

All photos credited to
TPWD and USFWS