

# Regional Resource Stewardship Council

July 21, 2020 Virtual Meeting

### RRSC Virtual Meeting

- This is the first meeting of the 11th term of the RRSC
- This meeting is being recorded. A link will be provided on the TVA RRSC Website (tva.gov/rrsc).
- We welcome the public who are in listen only mode. For those that preregistered to make public comments, the meeting host will unmute your line at that time. Written comments are always welcomed (tva.gov/rrsc).
- Members are able to mute and unmute their own line. Please keep yourself on mute until you wish to speak. RRSC Members may use the raise hand function to be recognized for questions or comments.



#### Welcome

RRSC Meeting Facilitator, Liz Upchurch

- RRSC Chair, Kim Klinker
  - Remarks
  - Introduce RRSC Members

TVA Designated Federal Officer, Joe Hoagland





# Safety First - Summer Heat











#### **Introductions**



- Name go in alphabetical order
- Organization
- Years on RRSC
- Item on your bucket list



#### RRSC Membership (Term 11) - Roll Call

RaeLynn Butler

Muscogee (Creek) Nation

Kim Klinker\*

Klinker Management

Sen. Clay Scofield

Alabama Senate, District 9

**Keith Carnahan** 

Meriwether Lewis Electric Cooperative

**Ronald Lambert** 

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**Danette Scudder** 

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Robert Englert, Jr

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Whitney Lipscomb

State of Mississippi

**Catherine Via** 

TN Farm Bureau Federation

**Richard Holland** 

Packaging Corporation of America

Will Nelson

Nelson Tractor Co.

**Randy Wiggins** 

Cherokee County, NC

**Mark Iverson** 

**Bowling Green Municipal Utilities** 

Ron Robertson
TN Farmer

**Greg Young** 

State of Tennessee

<sup>\*</sup> Chair



# Today's Meeting



### **TVA RRSC Meeting 4 Recap**

Pickwick Area – West side of the Valley

- Dam Safety and Monitoring
- Flood Recovery Efforts at Campground
- River Bank Erosion Impact and Study

Shared your observations of the 10<sup>th</sup> term and ways TVA could increase public transparency using RRSC as a resource





#### **Today's Meeting Purpose**

- Provide an update on TVA and COVID-19 impacts and responses
- **General TVA Introduction for new members**
- **Host a Virtual Public Listening Session**
- **RRSC Discussion and Advice Statement** 
  - Pollinators and Grasslands in the Southeast
- **Update on the Natural Resource Plan and Asian Carp Activities**



#### **Advice Discussion**

Pollinator and Grasslands Initiative

#### **Advice Statement Questions**

- 1. At a high level, what types of partners should be engaged in the Pollinator and Grasslands projects?
- 2. What engagement methods would be the most effective?



#### Virtual Meeting Agenda – July 21, 2020

9:30	Welcome, Safety Moment, Introductions, TVA Update
10:00	Federal Advisory Committee Overview
10:15	Pollinators and the SE Grasslands Initiative
11:15	Environmental Policy Update
11:30	RRSC Discussion – Pollinators and the Grasslands Initiative
12:00	Lunch Break (55 min.) Rejoin by 12:55 p.m.
1:00	Public Comments
1:30	RRSC Advice Statement – Pollinators
2:15	Natural Resource Plan Update
2:30	Asian Carp Update
2:45	Recap and next steps
3:00	Adjourn







# **DFO** Briefing

Joe Hoagland Vice President, Innovation & Research
Designated Federal Officer

#### What We Are

- Provider of low-cost, reliable power
- Steward of the Valley's natural resources
- Partner for economic growth



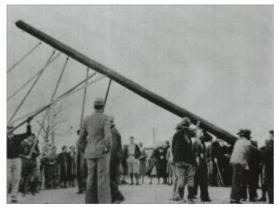
"Power is really a secondary matter.... TVA is primarily intended to change and to improve the standards of living of the people of that valley. Power is, as I said, a secondary consideration. Of course, it is an important one because, if you can get cheap power to those people, you hasten the process of raising the standard of living."

President Franklin D. Roosevelt



#### What We Do

- Serve 7 states, 153 local power companies, 58 directly served customers and 80,000 square miles
- Generate \$10.9 billion annual revenue
- Manage the Valley's river systems and environmental resources.



First power pole erected in 1934 in Pontotoc, Miss.



"Father of TVA," Senator George Norris



# Our Mission and Strategic Imperatives

Why We Are Here

How We Achieve Sustainability

#### **TVA Mission**



Energy



Environment



**Economic** Development

#### Strategic Imperatives







#### Partnering to Serve You & Your Community

**PARTNERING Local Power** COMPANIES

TO SERVE O MILLION **PEOPLE** 

700,000 Businesses **PARTS** 

**Directly Serve** LARGE industries & federal installations



### Cleaner and Greener Energy







#### River and Natural Resource Stewardship

Collaborate to enhance wildlife habitat and resources conditions of public lands and waters

293,000 acres of reservoir lands and 650,000 acres of reservoir surface area

- Enhanced native plant communities and wildlife habitat on reservoir lands
- Protected aquatic life and water resources by implementing
- Managed nuisance aquatic plants through selected treatment of reservoirs and increased public outreach











### **TVA Update**

- TVA COVID 19 Response
  - https://www.tva.com/coronavirus
  - TVA Operations / Employees
- TVA Board Meetings Nov, 2019; Feb and May, 2020

Board Nominees

Fontana Village Inc.







# The Federal Advisory Committee Act and The Regional Resource Stewardship Council

FACA Briefing—11th Term
Kendra Mansur, Attorney
Office of General Counsel

# Historical Background on Advisory Committees

- -President George Washington sought the advice during the Whiskey Rebellion in 1794
- -Growth in advisory committees occurred after WWII
- -Congressional concerns:
- Proliferation of committees
- Domination by special interest groups
- Lack of transparency and accountability
- Waste of federal funds



#### Federal Advisory Committee Act of 1972

- U.S. Congress formally recognized the merits of seeking advice and assistance
- The Act assures that advisory committees provide advice that is relevant, objective and open to the public, and comply with record keeping requirements



# **Advisory Committees Today**

- Play an important role in shaping programs and policies
- Approximately 1000 committees with more than 60,000 members
- Advise the President of the United States and the executive branch
- Subject to FACA and General Services Administration (GSA) Regulations

Nearly \$4 Million Spent by All Agencies in 2017 (Source GSA website)





# **Key Elements of the Federal Advisory Committee Act**

#### Public access

- Meetings (reasonably accessible and timely notice required—generally open to the public)
- Records (available for public inspection, subject to the Freedom of Information Act, etc.)

#### Structured management

- Filed charters
- Expiration after two years
- Attendance of a federal officer

Balanced Membership





#### TVA's Regional Resource Stewardship Council

#### TVA's stewardship activities include:

- Operation of its dams and reservoirs
- Navigation and flood control
- Management of lands in TVA custody and control
- Water quality
- Wildlife
- Recreation
- 26a permitting
- Pollinator habitat

Created by TVA "to provide advice on its stewardship activities and the priorities among competing objectives and values"



# **Previous RRSC Advice Topics**

- TVA Land Policy
- Reservoir Operations Study
- Aquatic plant management
- Floating cabins
- Drought management
- Environmental Policy & Natural Resource Plan
- Ecotourism
- Encroachments



# **Key Provisions of Council Charter**

#### **Council Provides Advice**

- Advice reported to the TVA Board's External Relations Committee
- Term of Council is two years with two meetings per year typically

#### **Balanced Membership**

Members include:

- Nominations from the Governors within the Tennessee Valley states
- Three representatives of local power companies of TVA power
- One representative each of TVA's direct-served customers, TVA's navigation program, TVA's flood control program, a Federally Recognized Tribe with an interest in the TN Valley, a recreation interest, and an environmental interest
- Four TVA appointees to ensure a broad range of views





# Thank you for your participation and advice



# Pollinators & Grasslands in the Southeast

Dwayne Estes, The Southeast Grasslands Initiative

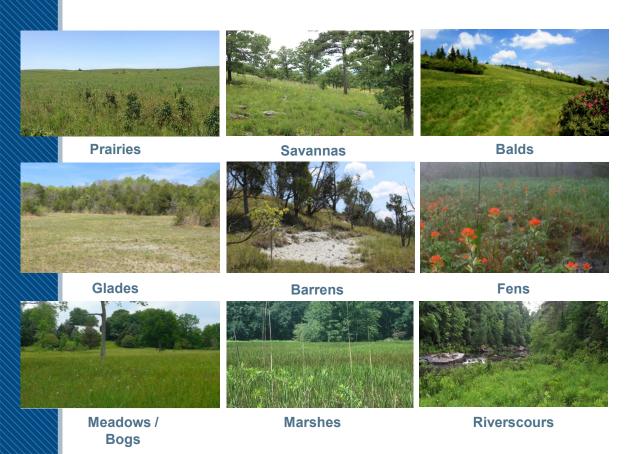
Adam Dattilo

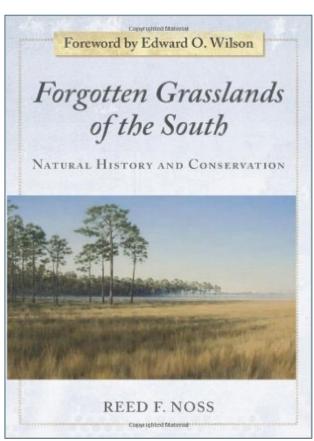
# The Importance of Rights-of-Way for Grassland / Pollinator Habitat **Dwayne Estes Ph.D.** www.segrasslands.org SOUTHEASTERN **APAUSTIN Peay**State University GRASSLANDS





# The Forgotten Grasslands of the South





#### "A Priority Goal in America's Environmental Movement"



"The Southern Grassland Biome, when it is properly defined to include the longleaf pine savanna...is probably the richest terrestrial biome in all of North America.

To understand, cherish, and preserve the great natural heritage of the Southern Grassland Biome should be a priority goal in America's environmental movement."

E.O. Wilson (Harvard University), 2014

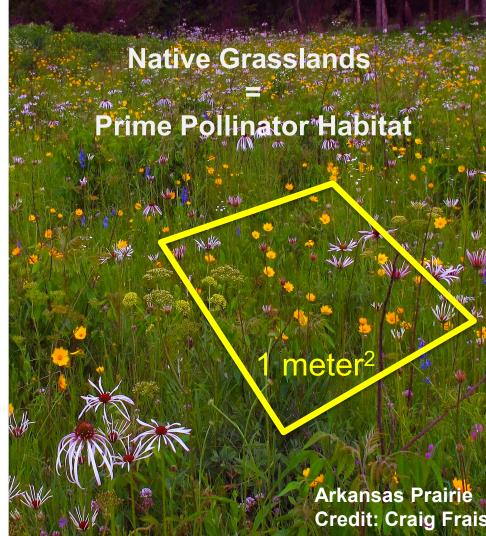
**Southern Grassland Biome** 









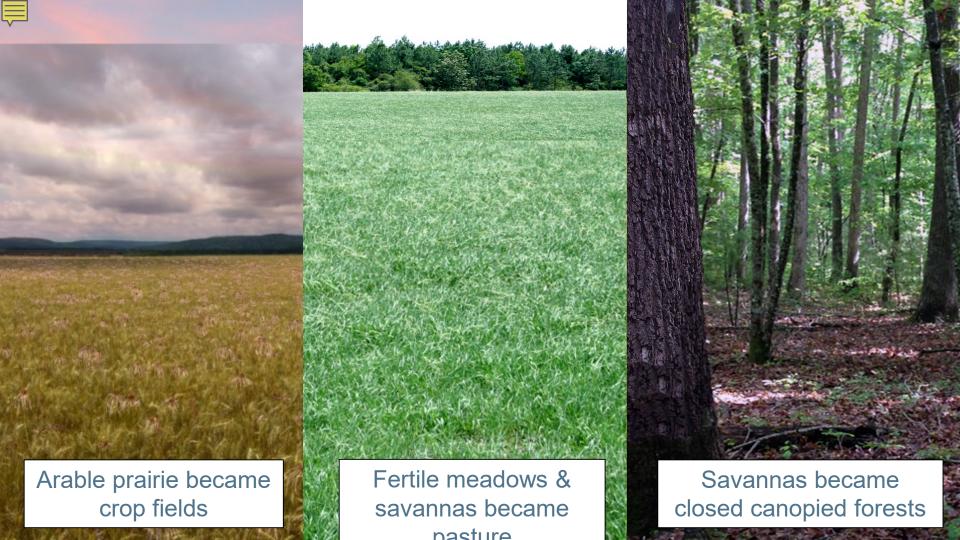


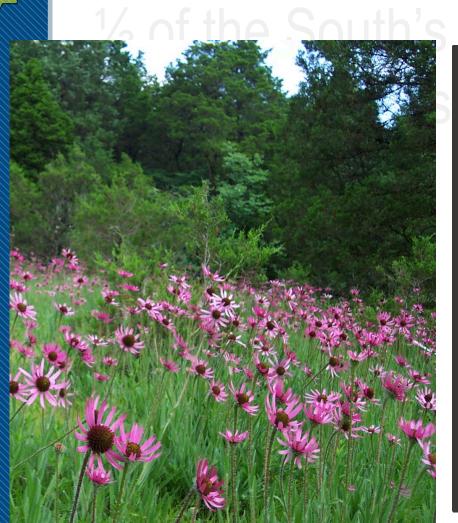
90 bee species in one prairie



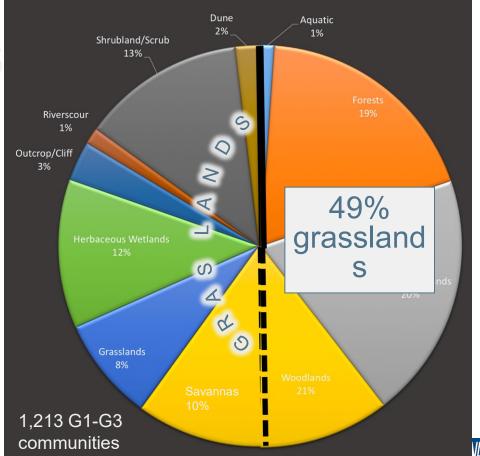
# **Mosaic Landscapes**







# Rare Habitats are

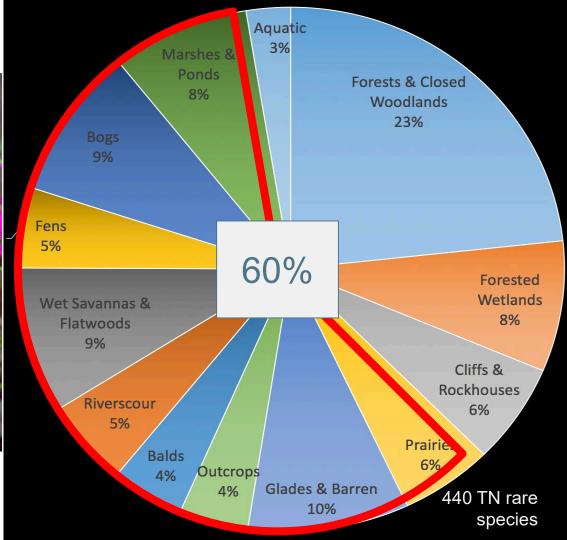


**Animal Biodiversity** quatic Grassland/Shr 7% Caves ubland 8% 20% Herbaceous Wetland 34% 5% Open pland Closed Woodland **Forest** 9% 35% **Forested** Wetland 16%

# **Plant**



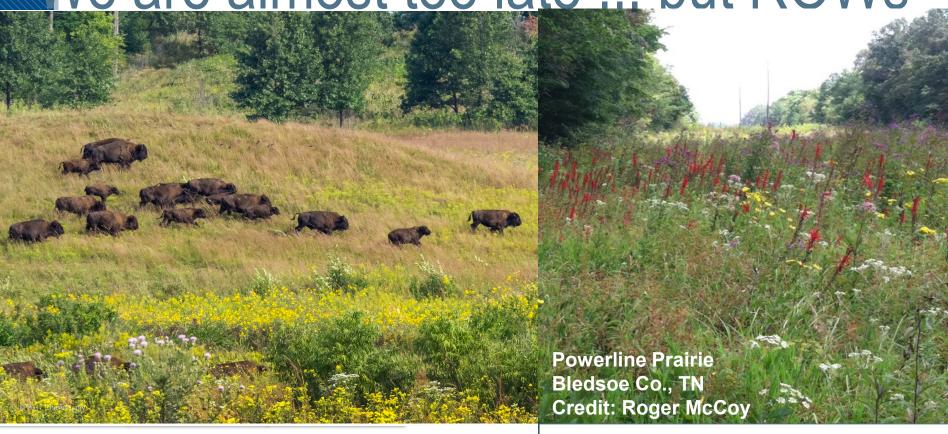
Sabatia arkansana Pelton's Rose Gentian Known only from Saline







We are almost too late ... but ROWs



Landscape-Scale Conservation

**Small-Scale Conservation** 















# TVA Right-of-Way Grasslands: Promoting Pollinators Across the Valley

Adam Dattilo, Senior Botanist, Biological Compliance
July 21, 2020







# "Diversity of native plants = diversity of native bees" Sam Droege, USGS Patuxent Wildlife Research Center







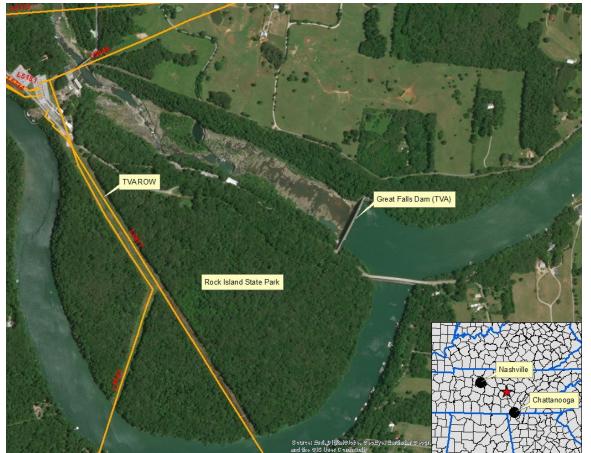
#### "Grasslands = Pollinator Habitat"

Adam Dattilo, Tennessee Valley Authority





## TVA Pollinator Habitat Initiative: Planting







#### TVA Pollinator Habitat Initiative: Planting

- Lots of Partners TVA, TDEC, Quail Forever, TWRA, NRCS
- 30+ native species, looking good after first year
- Kiosk and educational outreach
- Managed in the long-term by ROW vegetation re-clearing and state parks
- Other projects in various stages of implementation...<100 acres













#### TVA Pollinator Habitat Initiative: Restoring

- Areas of conservation concern on TVA lands
- Contain remnant populations of grassland species, many of which are quite rare
- Sites will be selectively cleared and maintained with prescribed fire
- Multiple sites...100s of acres



Jennings Bluff, Kentucky Reservoir, Perry County TN.





#### TVA Pollinator Habitat Initiative: Restoring



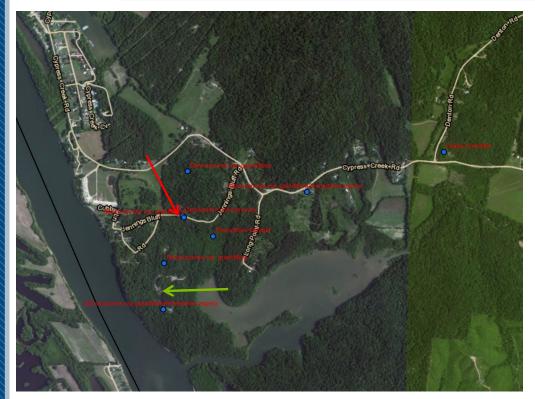


Jennings Bluff, Kentucky Reservoir, Perry County TN.





## TVA Pollinator Habitat Initiative: Restoring



Globally rare, White Tick Trefoil introduction



Jennings Bluff, Kentucky Reservoir, Perry County TN.





#### TVA Pollinator Habitat Initiative: Maintaining

- 1. Illustrate conservation of biodiversity and T&E plant species with utility corridors in the context of TVA transmission line ROW
- 2. Highlight critical issues facing these heavily managed habitats, challenges and opportunities.

Pollinator habitat on TVA ROW -Tens of thousands of acres!

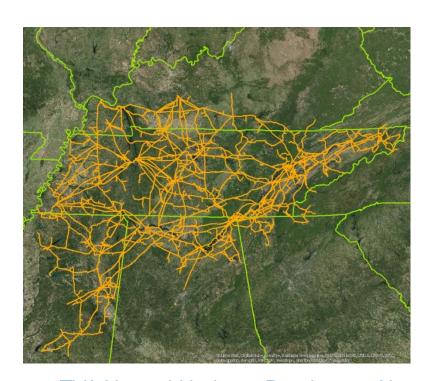


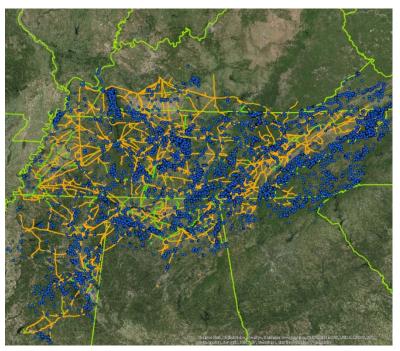
Large-flowered Skullcap Federally Threatened Hamilton Co., TN **TVA ROW** 





## Conservation nexus: ROW and rare plants



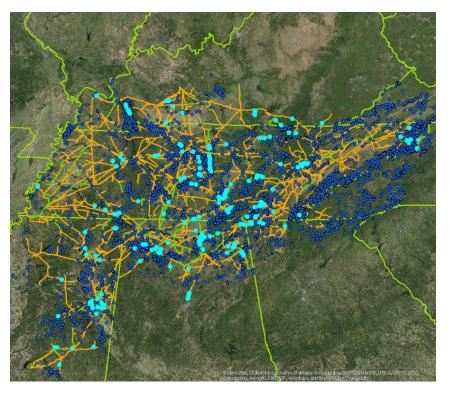


TVA Natural Heritage Database - About 10,000 mapped occurrences of state and federally listed plants across the TVA service area!





## Conservation nexus: ROW and rare plants



About 450 occurrences of T&E plants on ROW; about 30 federally listed.





#### Conservation nexus: ROW and rare plants

- ROW account for 0.4% of land in TVA area
- ROW support almost 5 % of all plant occurrences
- T&E plants are about <u>10 times</u> more likely to occur on a TVA ROW than in surrounding areas!



Lookout Mountain Tickseed Globally Endangered DeKalb CO., AL TVA ROW





#### Conservation nexus: ROW and rare plants...and pollinators?

Botanists have known this anecdotally for some time, but the literature and the larger conservation community haven't quite caught up.





Two TVA ROW grassland habitats on the Eastern Highland Rim of TN (Bark Camp Barrens WMA and Arnold Air Force Base, ~15 listed species!

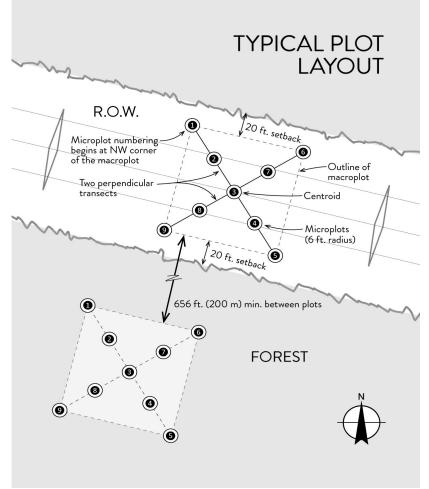


#### TVA ROW and Pollinators Study

Partners include TVA, Electric Power Research Institute (EPRI), Southeastern Grasslands Initiative (SGI), and the MS State Entomological Museum

#### Year 1 Results

- T&E plants 11 new occurrences
- Highest quality grassland habitat
- Bees captures Consistently 10 to 20x higher in ROW compared to forest





#### Other interesting results...

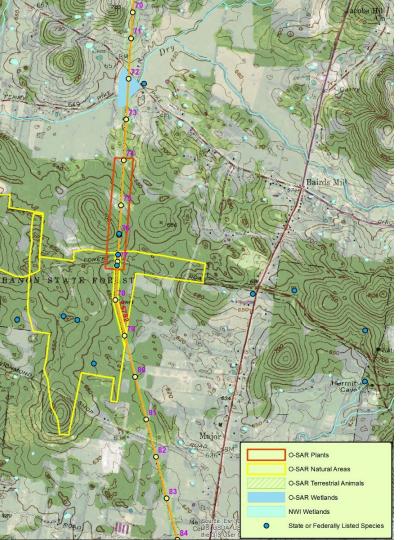
- Many other occurrences of sun-loving, native herbs never found outside of the ROW – aka "pollinator habitat"
- Species richness much higher in ROW than in adjacent forest. Very high biodiversity.
- Native grassland remnants often with very low abundance and cover of invasive plants – 1 plot had zero!

All in supposedly disturbed and degraded habitat...An with standard vegetation management practices!



Rose pogonia State endangered Van Buren Co., TN **TVA ROW** 





#### How does TVA protect ROW?

Office Level - Sensitive Area Review (O-SAR)

- For vegetation management and transmission maintenance
- Desktop review of 1/3 system annually
- Draw polygons in GIS viewer with prescriptive guidance based on potential or known resources.
- Use multiple data source Aerials, topos, NWI, soils, heritage, etc

\*Fosters active communication in areas that matter\*





Tall Larkspur (bee hawk moth) Globally Vulnerable Anderson Co., TN

Vegetation management of ROW is not mutually excusive with conservation of species and habitats, in fact it's often the only reason these special places still exist.



#### The Challenge: Managing Disturbance





LPC line near in West TN. with state-listed western marbleseed.

#### The Challenge: Managing Disturbance





#### Low-volume Foliar

- Target woody species only with back pack sprayer.
- Some amount of overspray
- Herbicide coverage depends on woody stem count
- Less maintenance and better result than mowing

#### The Challenge: Managing Disturbance

#### Tank Mix

- Using broad spectrum tank mix with some soil activity
- Only EPA approved herbicides
- Applied according to label
- Only non-restricted use herbicides
- Aquatic formulation around water



Ft. Payne Key 46kV, DeKalb Co., AL 7 listed species here!



Low-volume foliar treatment (2010) in Van Buren Co., TN



Site in 2015 – After a select treatment in 2010 and 2013. A robust population of the federally listed white fringeless orchid and rich, wet grassland is found here. Virtually no invasive plants!

## "Conservation Spray"





Federally threatened – white fringeless orchid and TVA herbicide contractor



#### "Conservation Spray"



2016 – 2 months after "conservation spray". Almost no overspray, white fringeless orchid is doing great. It may seem counter intuitive, but herbicide may be the best option here. 2019 survey showed population is healthy.

#### Take Home Points, Challenges, and Opportunities...



Leafy-Prairie Clover Federally Endangered Lawrence Co., AL TVA ROW

1. Expertise matters

2. Technology can help

3. ROW are easements

#### Take Home Points, Challenges, and Opportunities...

- 4. ROW are operational habitats, focus on things that matter.
- 5. What else is out there?
- 6. ROW are inherently ephemeral and will not persist.



Pickadilly Prairie on TVA ROW near Dickson, TN

### **Closing Comments**

- We need "planting" and "restoring" to avert the emergent biodiversity crisis, but we also need to properly maintain operational habitat like ROW and roadsides – All hands on deck!
- High-quality habitats may persist on ROW for many years, but these operational habitats are ephemeral and will not persist indefinitely.
- The conservation community needs to think intentionally and holistically about identifying important ROW and roadside sites, conservation in-situ, and what comes next in a rapidly changing world.

### **Questions**







# TVA Environmental Policy

Rebecca Tolene, Vice President Environment
July 21, 2020

### TVA Environmental Policy

- On May 7, 2020, the TVA Board of Directors approved an updated TVA Environmental Policy
- Last update was in 2013
- Sets forth TVA's renewed commitment to environmental stewardship that supports all parts of our Mission
- TVA Environmental Policy Webpage



### Goals of Policy Refresh

- Align with TVA's overall mission
- Focus on strong Environmental Management System
- Set clear direction and better communicate environmental goals
- Partnerships with LPCs and communities across the Valley
- Better clarify our path to continued sustainability

### TVA's Environmental Policy



**Energy** 



**Environment** 



**Economic Development** 

TVA is committed to improving quality of life and the environment in the Tennessee Valley by providing increasingly cleaner, reliable and affordable energy; engaging in proactive stewardship of the Tennessee River system and public lands; and supporting sustainable economic growth.

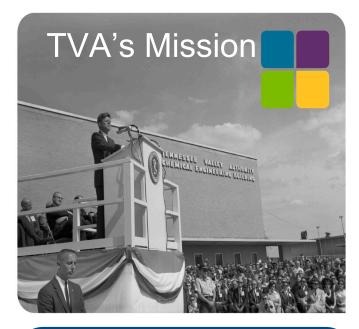
### **Environmental Policy**

TVA improves quality of **ENVIRONMENTAL** CONTINUOUS PARTNERSHIP & life and the environment PROTECTION & COMPLIANCE **IMPROVEMENT** TRANSPARENCY in the Tennessee Vallev by providing reliable, We partner with local power We collaborate across We deliver energy that affordable and increasingly companies, direct-served the enterprise to address is reliable, affordable, clean energy; engaging environmental issues and to and increasingly clean reduce the environmental in proactive stewardship impacts of our business. of the TN River system and public lands; and supporting sustainable economic growth. We integrate environmental considerations into strategy We comply with applicable and operational decisions to environmental laws, regulations, mitigate impacts. We track our an environmental and commitments. We maintain an environmental difference. Environmental Management System performance. (EMS) that fosters continuous set targets and improvement. measure regularly. We will continue TVA's strong history of environmental stewardship **(+)** by managing public lands. We invest in research to develop energy technologies and manage resources to reduce environment impacts. We strive to protect the Valley's water, wildlife, cultural, and recreational resources

# TVA 2019 Sustainability Report







The work of TVA will never be over. There will always be new frontiers for it to conquer. For in the minds of men the world over, the initials TVA stand for progress—and the people of this area are not afraid of progress.

JOHN F. KENNEDY

Muscle Shoals, Alabama. May 18, 1963

#### TVA's 2019 Sustainability Report

Our new Sustainability Report aligns with our Mission and helps position TVA for continued success in the changing utility industry.

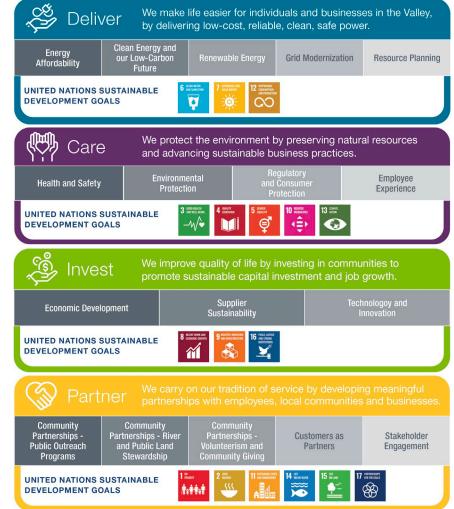
- Sustainability is part of our history and mission
- Transparency and availability of information
- Outlines TVA's commitment to sustainabilty and sets stage for sustainabilty program and dialogue with stakeholders
- Reputation amongst end-users and building a new familiarity





### TVA's Approach to Sustainability

- Sustainability for TVA means ensuring our ability to provide the people of the Tennessee Valley with low-cost and reliable electricity, a healthy environment, and a prosperous economy—without compromising the ability of future generations to do the same.
- Our sustainability objectives align with the United Nations' Sustainable Development Goals and the Global Reporting Initiative Standards.
- The Sustainability Report provides a comprehensive view of TVA's progress as a business and community partner.



# **QUESTIONS?**





# RRSC Discussion

#### **Advice Discussion**

#### Pollinator and Grasslands Initiative

#### **Advice Statement Questions**

- 1. At a high level, what types of partners should be engaged in the Pollinator and Grasslands projects?
- 2. What engagement methods would be the most effective?

#### RRSC Roll Call

- RaeLynn Butler
- Robert Englert, Jr.

Keith Carnahan

- Ray Hardin
- Richard Holland
- Mark Iverson
- Kim Klinker
- Ronald Lambert
- Tom Littlepage

- Whitney Lipscomb
- Will Nelson
- Ron Robertson
- Sen. Clay Scofield
- Danette Scudder
- Robert Sneed
- Catherine Via
- Randy Wiggins
- **Greg Young**



# Meeting Adjourned

Meeting will reconvene at 1:00 PM EDT

Please stay connected just turn off video and mute your computer







### Public Listening Session

- Public participation is appreciated
- This is a listening session; responses are typically not provided



### **Preregistered Public Speakers**

3 minutes per speaker

Dale Miller – The Ridges at Tellico Lake (HOA)





# RRSC Discussion

#### **Advice Discussion**

Pollinator and Grasslands Initiative

#### **Advice Statement Questions**

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Muscogee (Creek) Nation

Kim Klinker\*

Klinker Management

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<sup>\*</sup> Chair

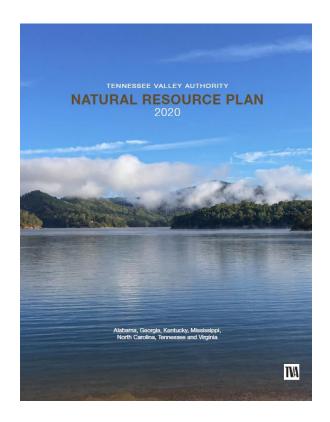


# 2020 Natural Resource Plan

Ben Bean July 21, 2020

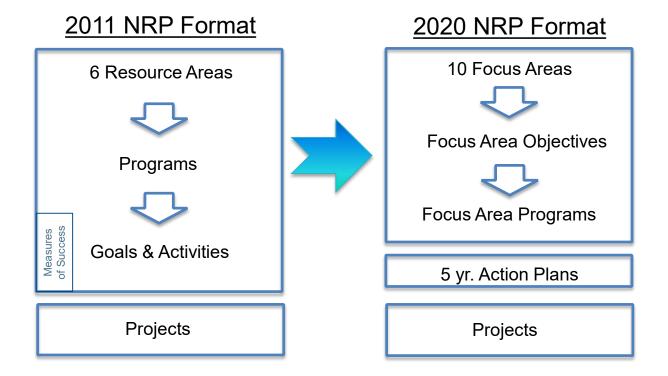
### Background

- 2011 NRP published as a 20-year guidance document for TVA's natural resource stewardship efforts
- TVA committed to reviewing the plan every five years and updating as necessary
- 2016 TVA staff began a holistic review of the NRP
- 2020 NRP update is complete





### 2020 NRP Structure



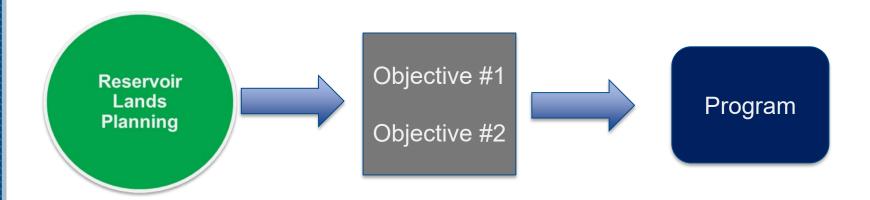
### 2020 NRP Focus Areas



- Original Resource Areas in 2011 NRP
- 4 Focus Areas Added in 2020 NRP



### Example – Reservoir Lands Planning

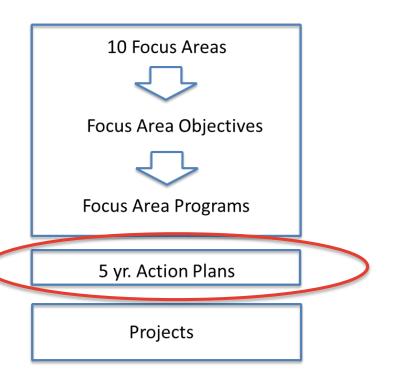


### 2020 NRP Implementation

#### Focus Area Action Plans (FAAPs)

A bridge between the strategic NRP & specific projects on the ground:

- One FAAP for each focus area
- FAAP Includes:
  - Strategic direction for each objective
  - Measures of success toward meeting each objective
  - Public engagement and communication plan



### Public Engagement & Communication

#### TVA is seeking to involve the public and stakeholders in proactive ways:

- Interactive NRP webpage
- Public Land Information Center & Dedicated E-mail Address
- Hosting & Attending Outreach Events Around the TN Valley.
- Social Media & Press Releases
- Promote Partnerships and Volunteer Work
- Publishing an Annual Report





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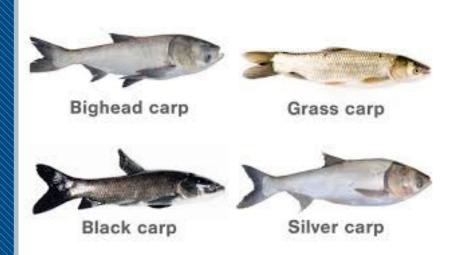




# Status of Asian Carp in the Valley

Dennis S. Baxter, Manager, River & Reservoir Compliance
July 21, 2020

### **Asian Carp in the Valley**



Non-native and invasive in North America

There are four Asian carp species in the Tennessee River Watershed:

**Silver** 

**Bighead** 

Grass

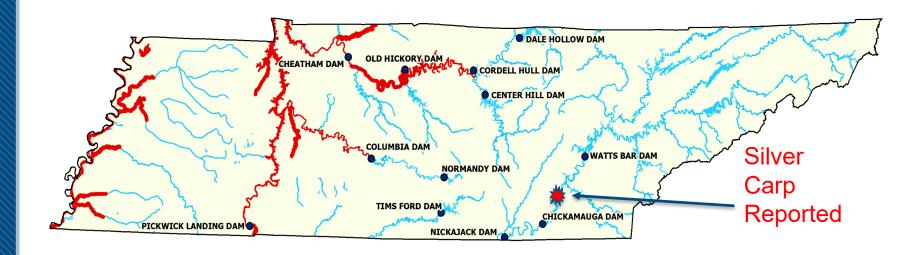
**Black** 

# How Did Asian Carp Get to America?

- Aquaculture Farmers Imported Asian Carp to control Algal Blooms and Vegetation in Culture Ponds in the 1970's
- Floods in the 1980 & 1990's Compromised the Ponds and Allowed the Fish to Escape into Streams and Rivers
- Once in the Mississippi River, the Fish Spread Rapidly
- Asian Carp were Found in the Ohio River in the 1990's



### **Asian Carp Distribution in Tennessee**



## Gizzard Shad, Silver Carp, Blueback Herring and Alewife Comparisons



### State of the Valley

 All State and Federal Agencies are working together through MICRA



### **National Strategies for Asian Carp**

- Contain and control the expansion of populations of Bighead, Black, grass, and Silver carps in the United States
- Extirpate, or reduce to levels of insignificant effect
- Conduct research to provide accurate and scientifically valid information necessary for the effective management and control
- Effectively plan, implement, and evaluate management and control efforts



### **MICRA** Objectives

- Conduct Targeted Sampling Surveillance
- **Early Detection**
- Population Characteristics
- Evaluate Lock & Dam Passage



# Who is Responsible?

The states (KY, MS, AL, TN) fisheries management

The USFWS obtains funding then facilitates program

The USACE operates locks

The TVA manages water/operates dams Tennessee River



# Can These Fish Be Stopped?



### **First Actions**



# **Understanding Population Dynamics**

 Collaboration of Sub-basin agencies and universities

**States** 

(KY, TN, MS, AL)

**Federal Partners** 

(USGS, USFWS, USACE)

**Universities** 

(TN. Tech & Murray St.)

# Fill Knowledge Gaps

- Understand distributions and habitat use in the Ohio River subbasin
- Determine the extent of:
  - **Spawning** occurring within the systems,
  - Movement within the systems, and will provide
  - Life history and population dynamics data for informing Tennessee River specific-models
  - Estimating control needs and invasion impacts





# Will Asian Carp Affect the Fisheries?

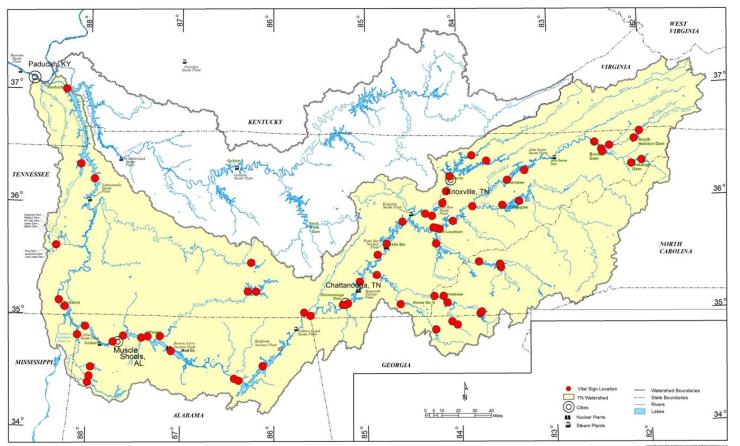
- Unknown at this Time
- Long Term Monitoring Programs & Historical Fisheries Data will help Determine Changes in Fish Populations







# Reservoir Ecological Health Locations



# Strategies to Stop Upstream Migration

- Communication
- Barriers
- Commercial Fishing
- Contract Fishing
- Bow Fishing Tournaments
- Large Scale Netting at Pinch Points



#### Communication



Websites

TV Interviews

Tennessee Uncharted

Public Meetings

Sportsman Events

#### **Barriers**

- Electric and Acoustic
  - Positioned at the downstream lock entrances
  - Current research will determine if barriers are successful

# **Commercial Fishing**



# Bow Fishing for Asian Carp



# Asian Carp Roundup Cooperative Tagging and Removal

- Removal at Pinch Points
- Multi-Agency Event



## **Uses for Asian Carp**

- Table Fare
- Bait
- Animal Feed
- Compost
- Recreation?



#### **TVA Actions**

- TVA is Preparing a Fish Barrier Programmatic Environmental Assessment at 10 TN River Locks

- TVA Conducting Modeling to Determine Where Asian Carp Eggs can Hatch
- TVA Conducts Annual Valley-Wide Fish and Benthic Macroinvertebrate Assessments
  - > Determine effects of Silver Carp on Aquatic Communities







Wrap Up / Adjourn

### Next Steps:

- Next RRSC Meeting: Tentative early December 2020
- To provide comments or find more RRSC information, visit: www.tva.gov/rrsc
- Stay up to date on TVA public comment periods and meetings at <a href="https://www.tva.com/about-tva/get-involved-">https://www.tva.com/about-tva/get-involved-</a> stay-involved
- Power of Pollinators: https://www.youtube.com/watch?v=WJJDIV7qWn0



Thank you and be safe

