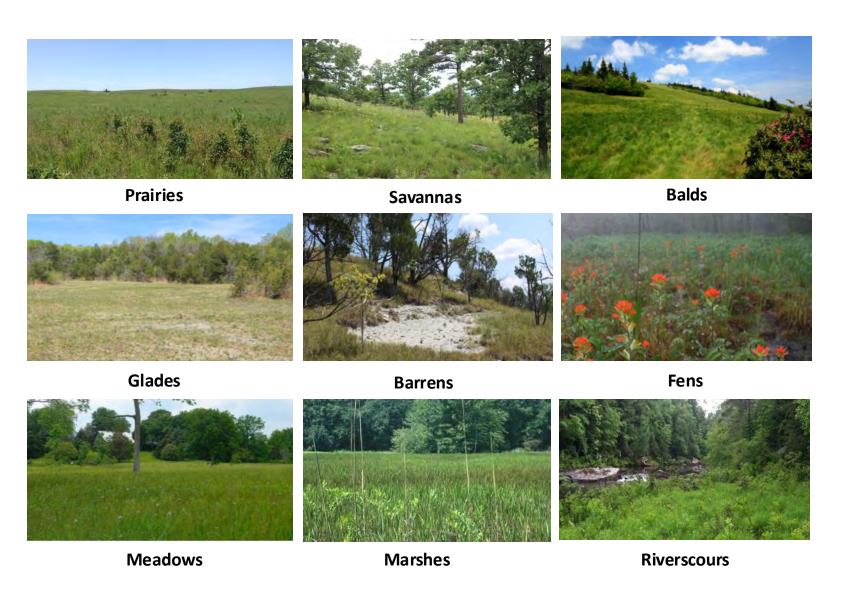


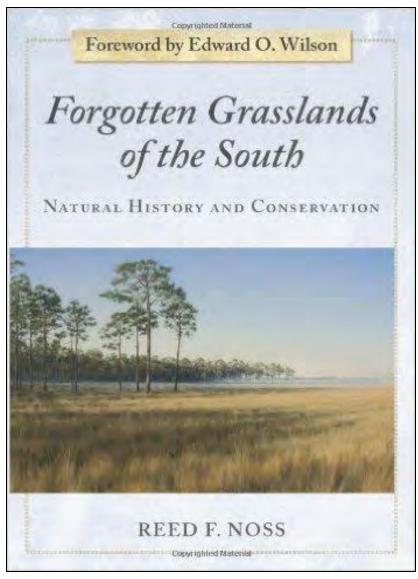


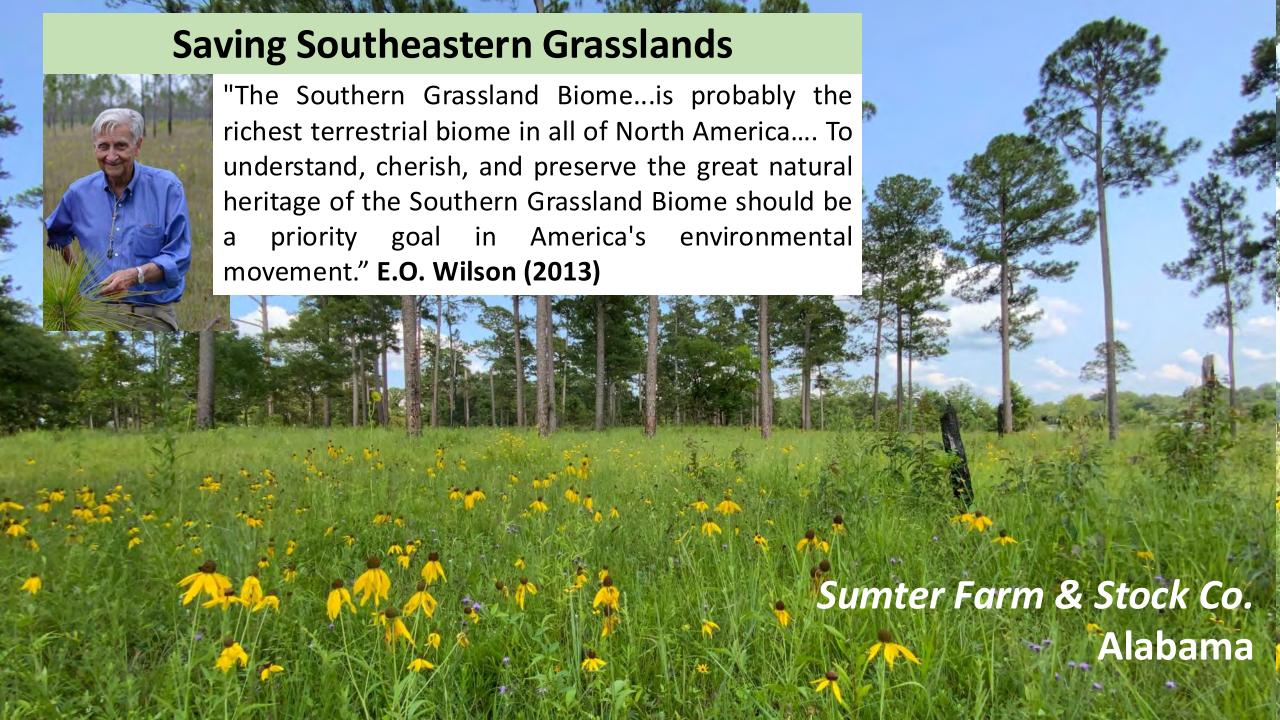
Dreaming Big to Save E.O. Wilson's Southern Grassland Biome Dwayne Estes PhD



## "The Forgotten Grasslands of the South"







"They've been gone so long, they've been erased from our collective memory as a society."



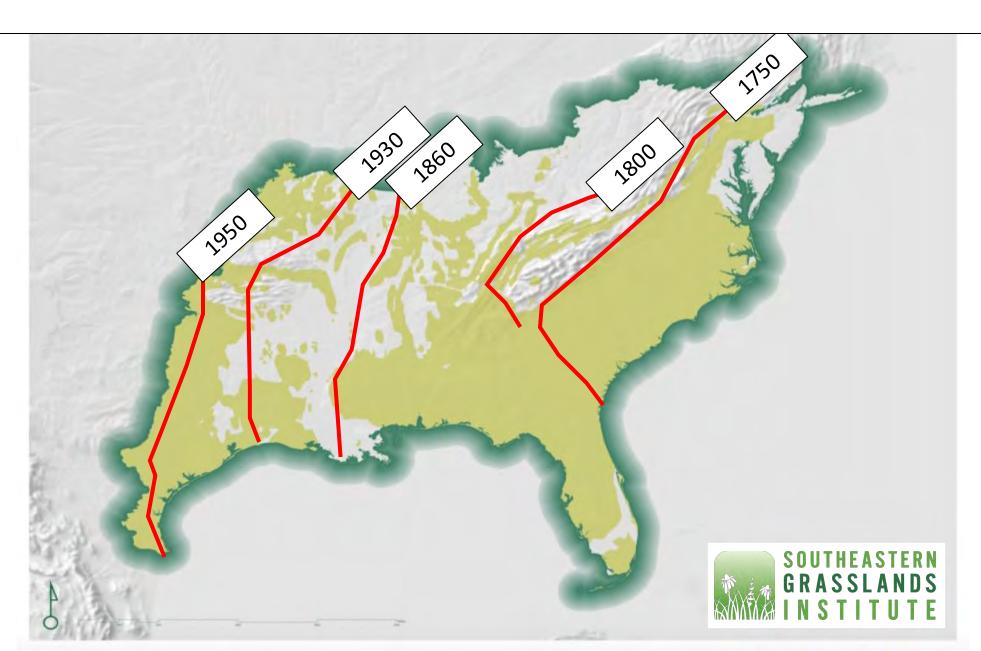


"Gone before the camera was invented, before they could be painted, or before they could be described by naturalists."

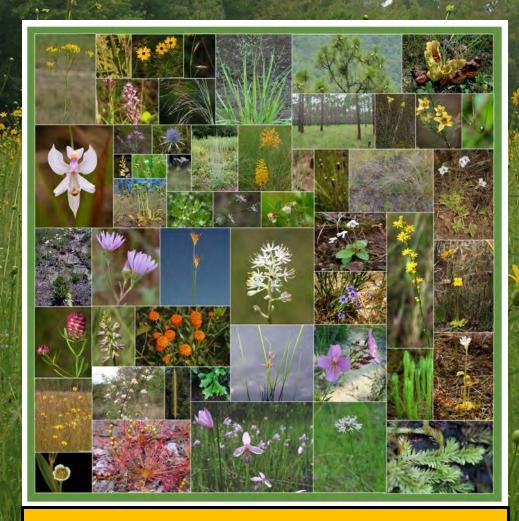
## What happened to the Southern Grassland Biome?



## The Wave of Grassland Loss



#### home to >50% of the flora & fauna of the Southeast



52 species in 1 m<sup>2</sup>





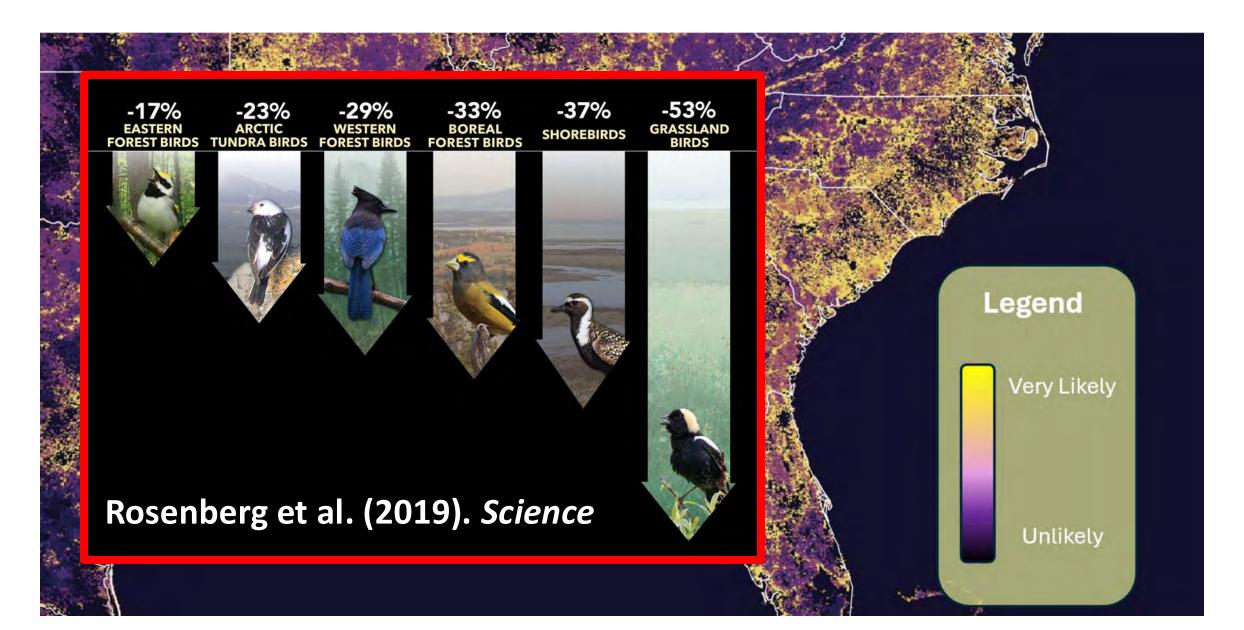




90 bee species in one Mississippi prairie

irie AR

### For the Southeast - 25 Years Will Be Too Late!



## The Southeastern Grasslands Institute





## Mapping the Southern Grassland Biome







Natural Resources Conservation Service



Farm Service Agency





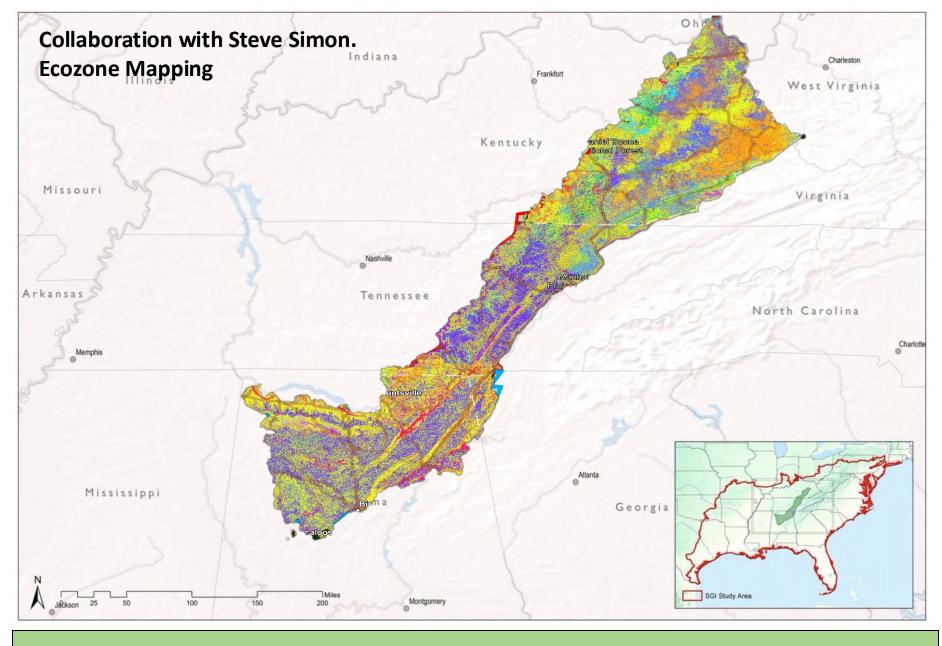






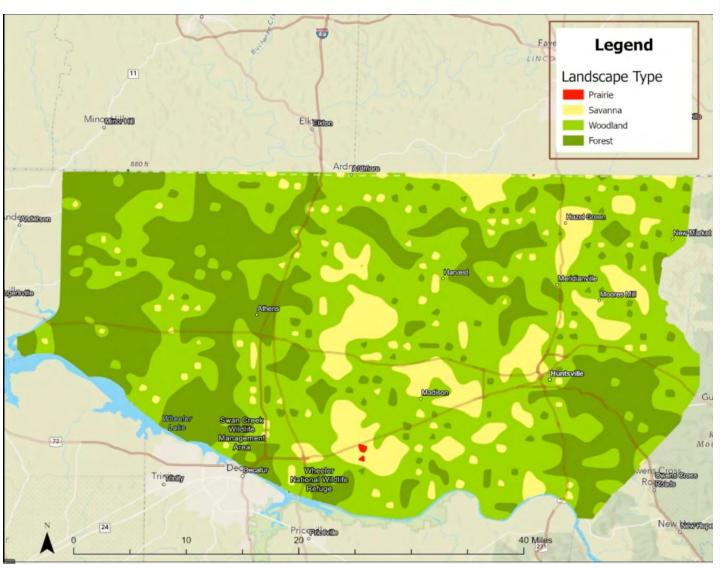


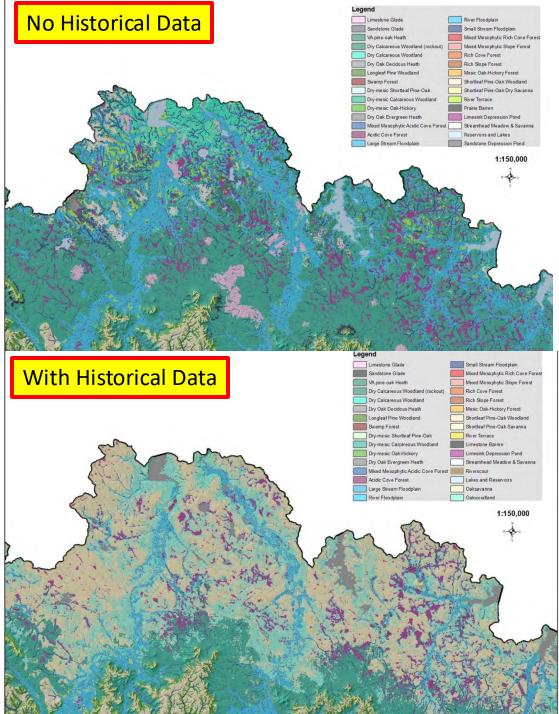




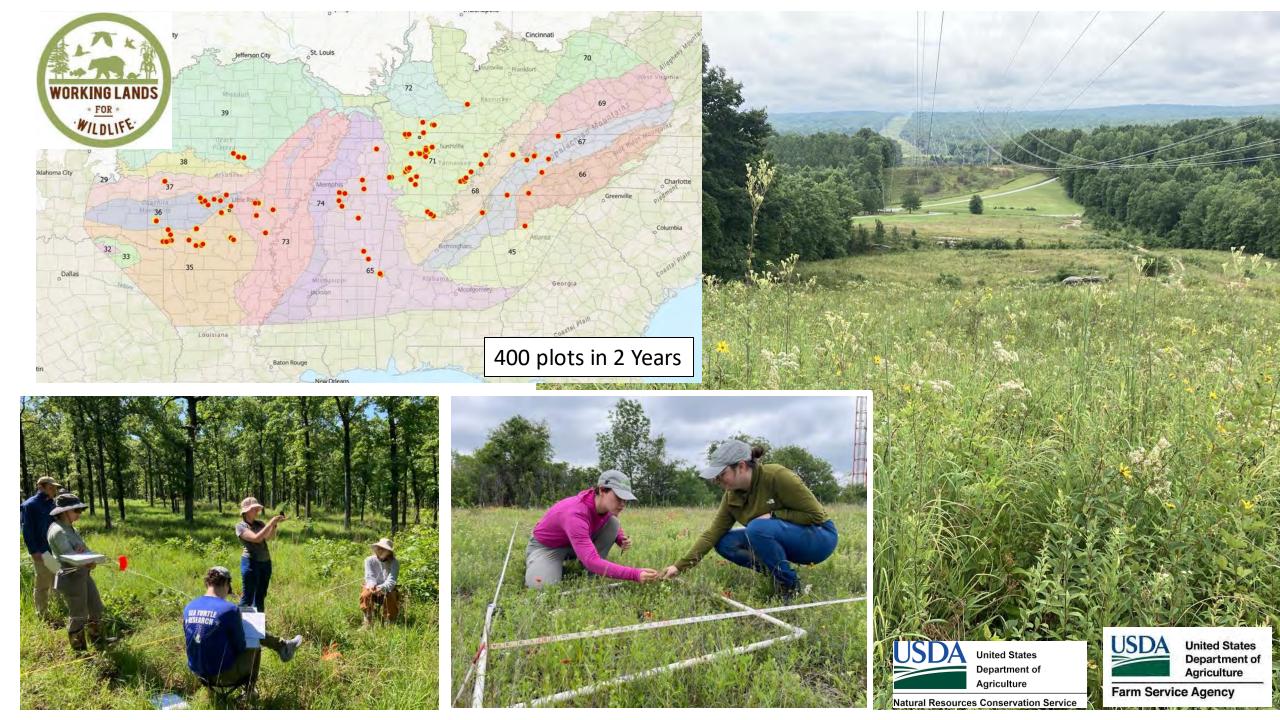
#### **Regional Conservation Planning**

#### Science + History = Full Picture















Improving Grassland Classification

Shortleaf Pine – Post Oak Savanna
Bridgestone-Firestone Wildlife Management Area
Cumberland Plateau of Tennessee

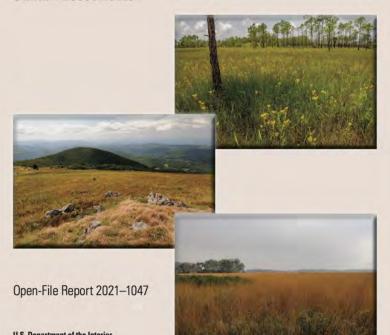


Science for a changing world

Prepared in cooperation with the Department of the Interior Southeast Climate Adaptation Science Center

Science Needs of Southeastern Grassland Species of Conservation Concern: A Framework for Species Status Assessments

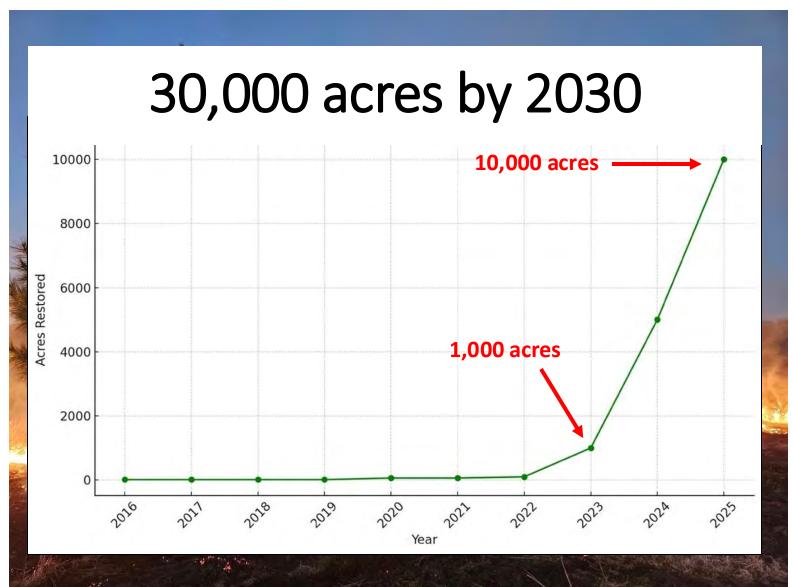
The U.S.



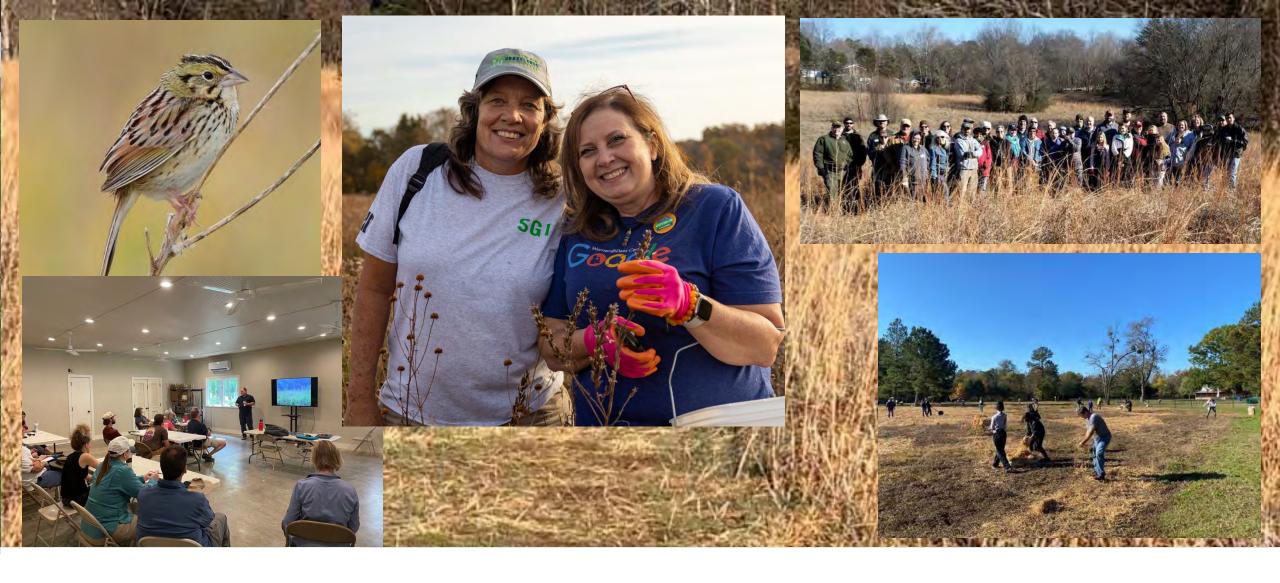
118 ecological systems Noss et al. (2021)

**U.S. Geological Survey** 

## Restoration & Management







## Outreach & Community Building









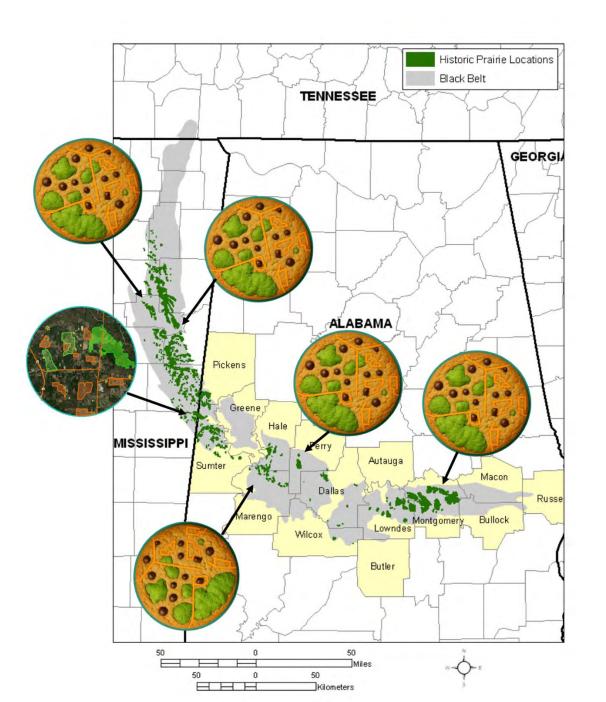






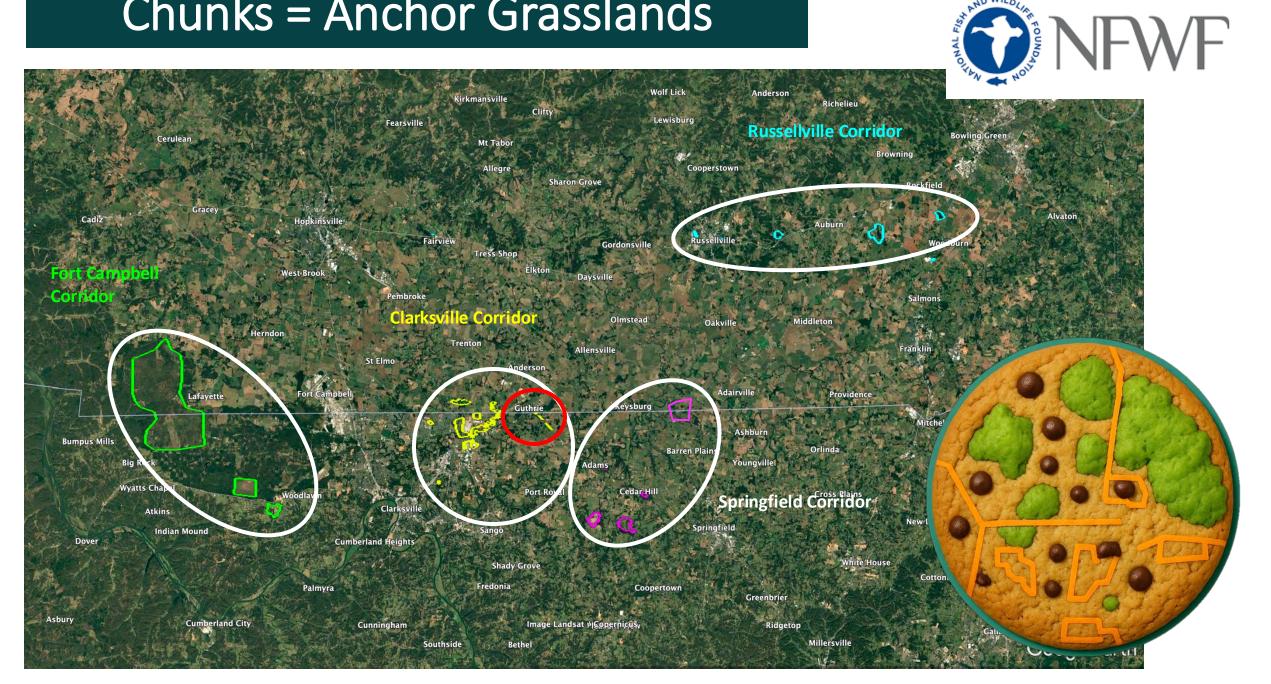
**COOKIE MAP LEGEND** 







## Chunks = Anchor Grasslands



## Southeastern Native Seed Program





















#### 500-ac Barnett Woods & Prairie State Natural Area









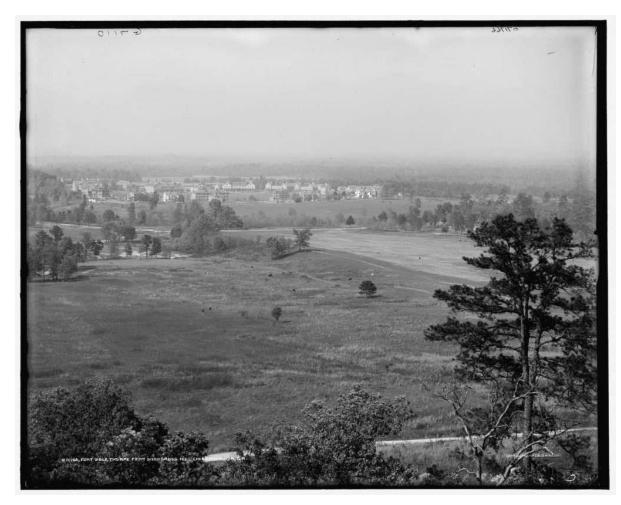






\$12 million in new grants to support 4,000 new acres of grasslands restoration in 40 US National Parks

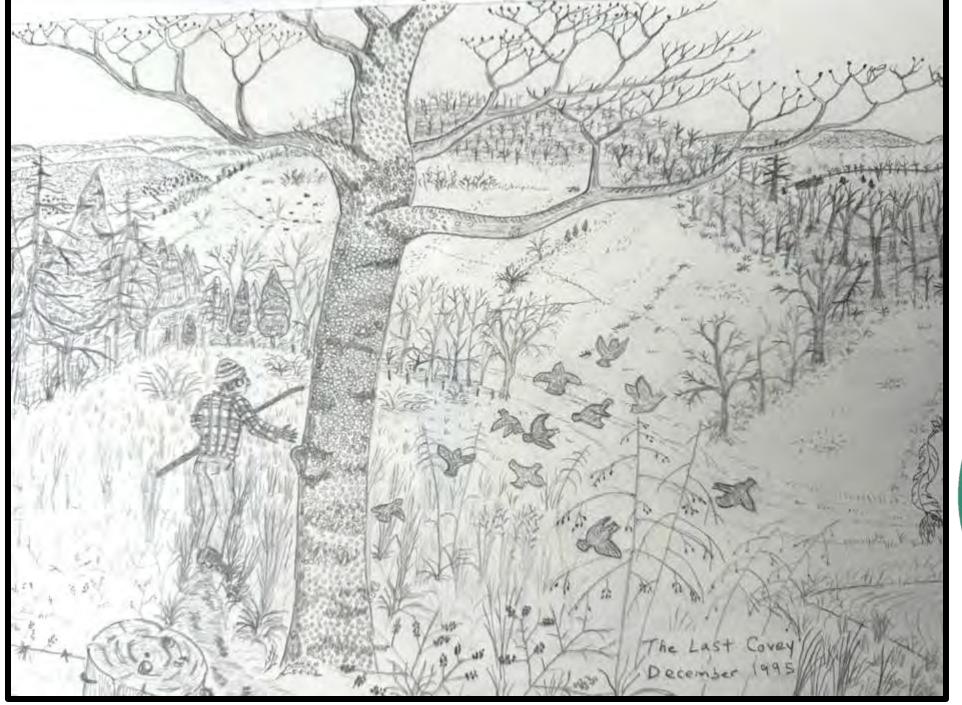
across 17 states



Chickamauga Battlefield, Georgia



Fredericksburg-Spotsylvania National Park, Virginia



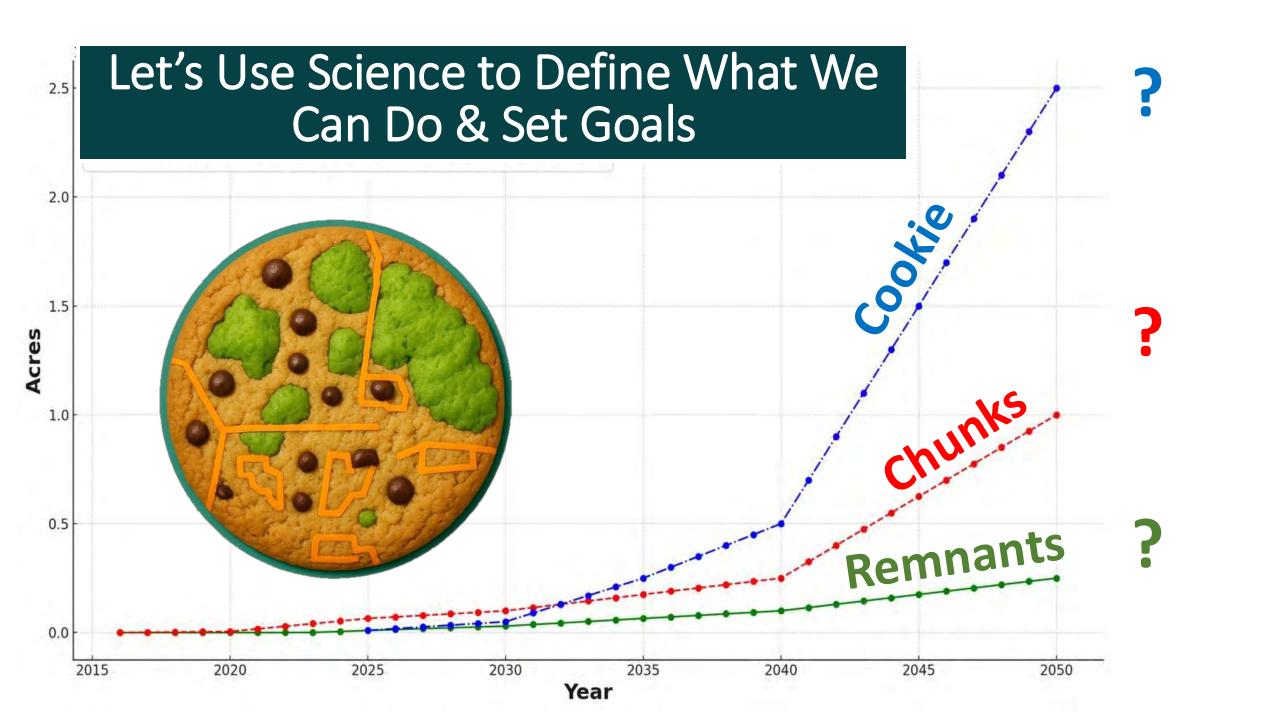
"25 Years Will Be Too Late"













Donate

Volunteer

Partner

Connections

## **QUESTIONS?**

# Eastern Native Grasslands Symposium 2026





