



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

EXPERIENCES IN NORTH CAROLINA'S BOTTOMLAND FORESTS

*To protect, manage and promote forest resources
for the citizens of North Carolina*



1



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES



 **NORTH CAROLINA**
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES



*To protect, manage and promote forest resources
for the citizens of North Carolina*



3

 **NORTH CAROLINA**
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES



*To protect, manage and promote forest resources
for the citizens of North Carolina*



4

 **NORTH CAROLINA**
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

CONCERNS

- ▣ Visual
- ▣ Turbidity
- ▣ Perceived lack of regeneration
- ▣ Perceived water quality issues
- ▣ Perceived regulatory issues



*To protect, manage and promote forest resources
for the citizens of North Carolina*



5

 **NORTH CAROLINA**
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES



*To protect, manage and promote forest resources
for the citizens of North Carolina*



6

 **NORTH CAROLINA**
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES



*To protect, manage and promote forest resources
for the citizens of North Carolina*



7

 **NORTH CAROLINA**
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Response to Questions

- ▣ Public
- ▣ Professionals
- ▣ Misinformation



*To protect, manage and promote forest resources
for the citizens of North Carolina*



8



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Bottomland and Swamp Forest Working Group

- A group of NCFS personnel with interest in this topic
 - Regeneration
 - Water Quality
 - Data/Extent of the Resource

*To protect, manage and promote forest resources
for the citizens of North Carolina*



9



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Approach

- Sustainability of the resource!
- If we have issues, let's address.
- Improvements in knowledge:
 - Silvics
 - Succession

*To protect, manage and promote forest resources
for the citizens of North Carolina*

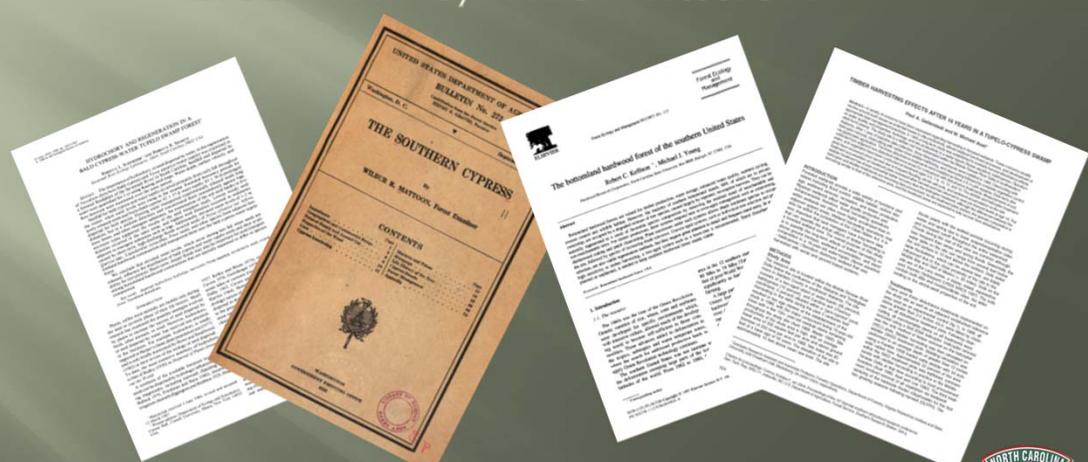


10



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Literature/Information



*To protect, manage and promote forest resources
for the citizens of North Carolina*



11



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

FLORIDA CYPRESS REGENERATION STUDY

PREPARED FOR:
FLORIDA FORESTRY ASSOCIATION
CYPRESS TASK FORCE

PREPARED BY:
PEACOCK AND ASSOCIATES, INC.

JUNE 2002

Conservation, Protection and Utilization of
Louisiana's Coastal Wetland Forests

Final Report to the Governor of Louisiana from the
Coastal Wetland Forest Conservation and Use
Science Working Group



April 30, 2005



**STATUS OF PRIVATE CYPRESS
WETLAND FORESTS IN GEORGIA**
Alternatives for Conservation and Restoration

NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Ingredients for Success

- ▣ Proactive
- ▣ Information from field reviews
- ▣ Partnerships

To protect, manage and promote forest resources for the citizens of North Carolina



13

NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

North Carolina's Resource Swamp Forests

- ▣ 7% of SE cypress resource
 - Estimated 240,000 ac. – 400,000 ac.
- ▣ Complicated by various forest cover types
- ▣ Classification systems

To protect, manage and promote forest resources for the citizens of North Carolina



14

CYPRESS FACTS FOR THE SOUTH

INTRODUCTION

With the resurgence of markets for cypress wood, increased attention is being given to the conservation and management of this resource. Much attention is being given to the conservation of cypress woodlands, but little attention is being given to the conservation of cypress swamps. These swamps are vital to the health of the ecosystem and provide a wide variety of benefits to the environment.

The National Wetlands Inventory (NWI) is a national inventory of wetlands and deepwater habitats in the United States. It is the only national inventory of wetlands and deepwater habitats in the United States. The NWI is a national inventory of wetlands and deepwater habitats in the United States. It is the only national inventory of wetlands and deepwater habitats in the United States.

MEASUREMENT

The National Wetlands Inventory (NWI) is a national inventory of wetlands and deepwater habitats in the United States. It is the only national inventory of wetlands and deepwater habitats in the United States. The NWI is a national inventory of wetlands and deepwater habitats in the United States. It is the only national inventory of wetlands and deepwater habitats in the United States.

CONCLUSION

The National Wetlands Inventory (NWI) is a national inventory of wetlands and deepwater habitats in the United States. It is the only national inventory of wetlands and deepwater habitats in the United States. The NWI is a national inventory of wetlands and deepwater habitats in the United States. It is the only national inventory of wetlands and deepwater habitats in the United States.



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Emergence of the Pellet Industry

- ▣ 2013
- ▣ Often assumed to use high value trees for low value products
- ▣ Similar to concern over cypress mulch

*To protect, manage and promote forest resources
for the citizens of North Carolina*



15



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

Grant Partnerships

- ▣ 2013 - 2015 pursued grant funding
- ▣ 2015 - LaSR Grant (USDA Forest Service) funded

*To protect, manage and promote forest resources
for the citizens of North Carolina*



16



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

2015 Landscape Scale Restoration Grant

- ▣ Survey of deep swamp sites
- ▣ Publication of outreach materials
- ▣ Literature
- ▣ Symposium



*To protect, manage and promote forest resources
for the citizens of North Carolina*



17



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES



*To protect, manage and promote forest resources
for the citizens of North Carolina*



18