“Mississippi Delta”
Where we fit administratively.

USDA Forest Service

Administration  Research and Development  National Forest System  State and Private Forestry

Southern Research Station, Asheville, NC

Center for Bottomland Hardwoods Research Stoneville, MS
Center for Bottomland Hardwoods Research

- Stoneville, MS (Headquarters) – 8 SYs
- Oxford, MS (Stream Ecology Lab) – 3 SYs
- Starkville, MS (Forestry School, MSU) – 2 SYs
- Hot Springs, AR – 1 SY
- Frankfurt, KY – 1 SY

15 Scientists

Regeneration and Reproductive Biology Team

- Prediction of Post-harvest Regeneration
- Seedling Physiology and Standards
- Establishing Advanced Reproduction
- Seed Biology
- Seed Production and Germination Ecology
Stand Development and Forest Health Team

- Thinning Guidelines
- Stand Development
- Growth and Yield
- Wood Decay
- Bacterial Wetwood
- Decline Diseases
- Insect Pests

Aquatic and Terrestrial Fauna Team

- Biology of Warmwater Fishes
- Freshwater Mussels
- Freshwater Crayfish
- Neotropical Migratory Songbirds
- Stream Ecology
- Wildlife Use of Afforested Sites
Ecological Processes and Ecosystem Restoration Team

- Ecological Processes
- Hydrology
- Ecosystem Restoration Techniques
- Restoration Monitoring and Assessment Methods
- Threatened and Endangered Plants and Animals
February 14, 1940 - WORKING PLAN FOR PLANTING EXPERIMENT UNDER FARM FORESTRY RESEARCH PROJECT

Henry Bull – Silviculturist
Southern Forest Experiment Station, New Orleans

Assignment – “The man employed with Federal funds on the farm forestry research project in Mississippi.”

“The man” turned out to be Associate Forester John A. Putnam
“The factors tested are considered to be the most important ones that should be studied at the very beginning of research in cottonwood propagation.”

Objective - to test the effects on survival and growth of
(a) freshly-cut native cottonwood cuttings of
   (1) different lengths of cuttings,
   (2) different depths of planting, and
   (3) different dates of planting; and
(b) dormant native cottonwood cuttings held in
cold storage and planted at different dates.
Obtaining cuttings from an elite cottonwood tree on Catfish Towhead, Bolivar County, 1954

* About 22.5 million acres of poplar plantations worldwide

- North America – 2
- South America – 3
- Europe – 16
- Asia – 5
- Africa – 2
- Oceania - 1

―

Research Director:
1940-1941
1945-1957
Retired as Hardwood Specialist, 1969

“Mr. Hardwoods”
John Putnam

S. McKnight
