



Oldest-known living trees on Earth, dated with dendrochronology:

1. Great Basin bristlecone pine	<i>Pinus longaeva</i>	California	5,066*
2. Alerce	<i>Fitzroya cupressoides</i>	Chile	3,622
3. Giant sequoia	<i>Sequoiadendron giganteum</i>	California	3,266
4. Sierra juniper	<i>Juniperus occidentalis</i>	California	2,675
5. Rocky Mtn. bristlecone pine	<i>Pinus aristata</i>	Colorado	2,435
6. Coast redwood	<i>Sequoia sempervirens</i>	California	2,200
7. Foxtail pine	<i>Pinus balfouriana</i>	California	2,110
8. Rocky Mountain juniper	<i>Juniperus scopulorum</i>	New Mexico	1,889
9. Limber pine	<i>Pinus flexilis</i>	Utah	1,697
10. Bald cypress	<i>Taxodium distichum</i>	North Carolina	1,653+

Betty Hole Cove
 Ancient bald cypress
 Black River, North Carolina

Dendrochronology

Taxodium distichum
Blackwater River, Virginia

↓ 1531

↓ 1587
Lost Colony Drought

↓ 1600

↑
Jamestown Drought
1606 - 1612

Tree-Ring Dating = the most accurate and precise dating method in geochronology

Datum in time, crossdating, massive replication, direct calibration & verification,
'integrating pluviometers' (growing season moisture balance)

Ancient Forest History

Giant Sequoia
(*Sequoiadendron giganteum*)

1620

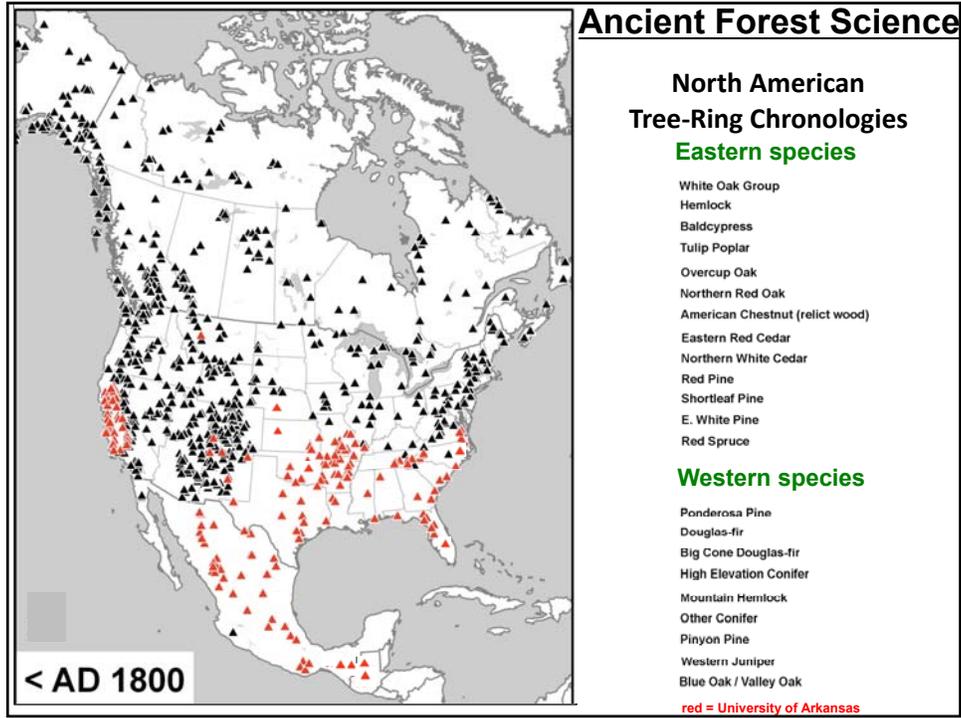
1850

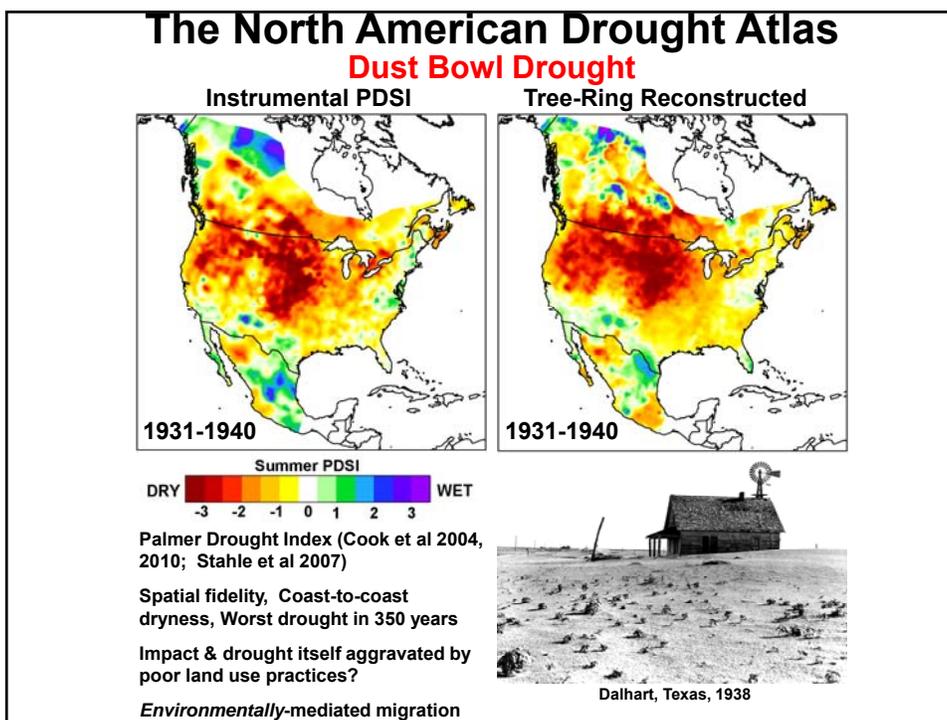
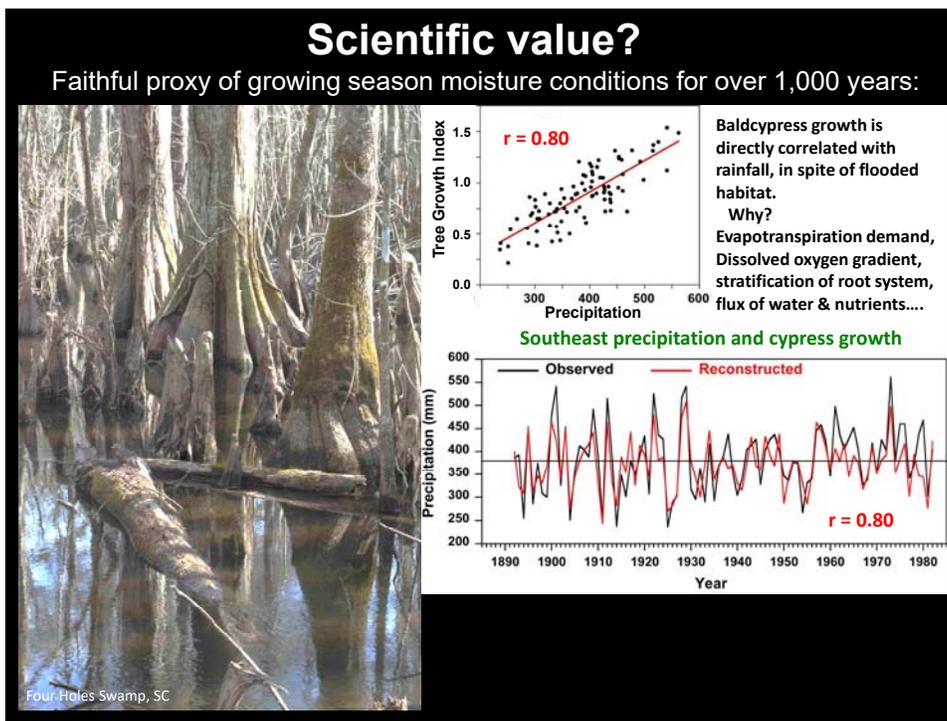
1926

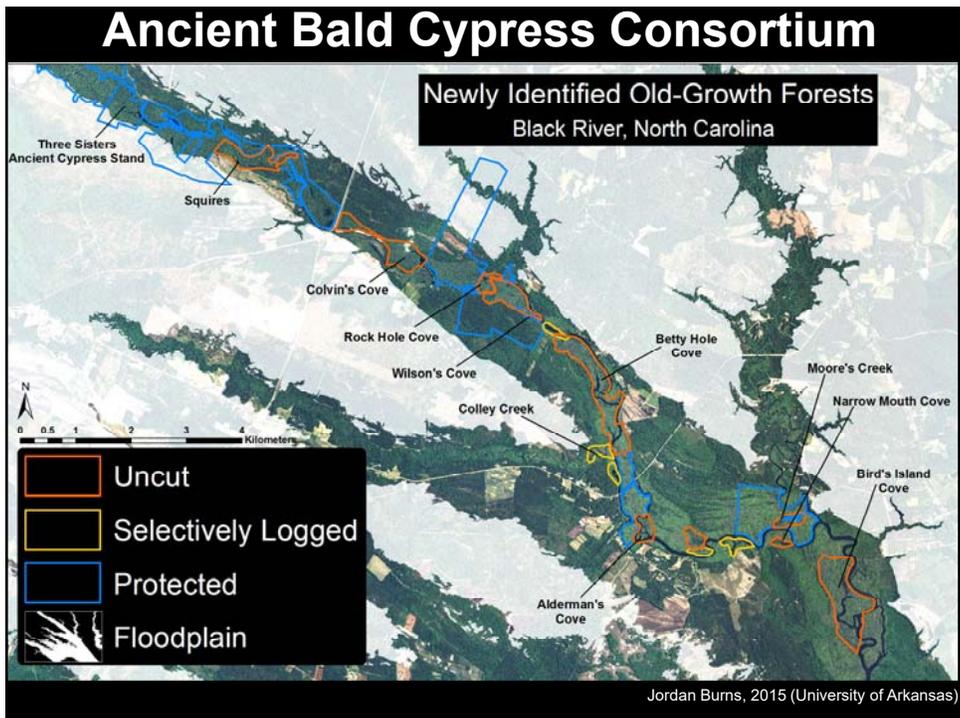
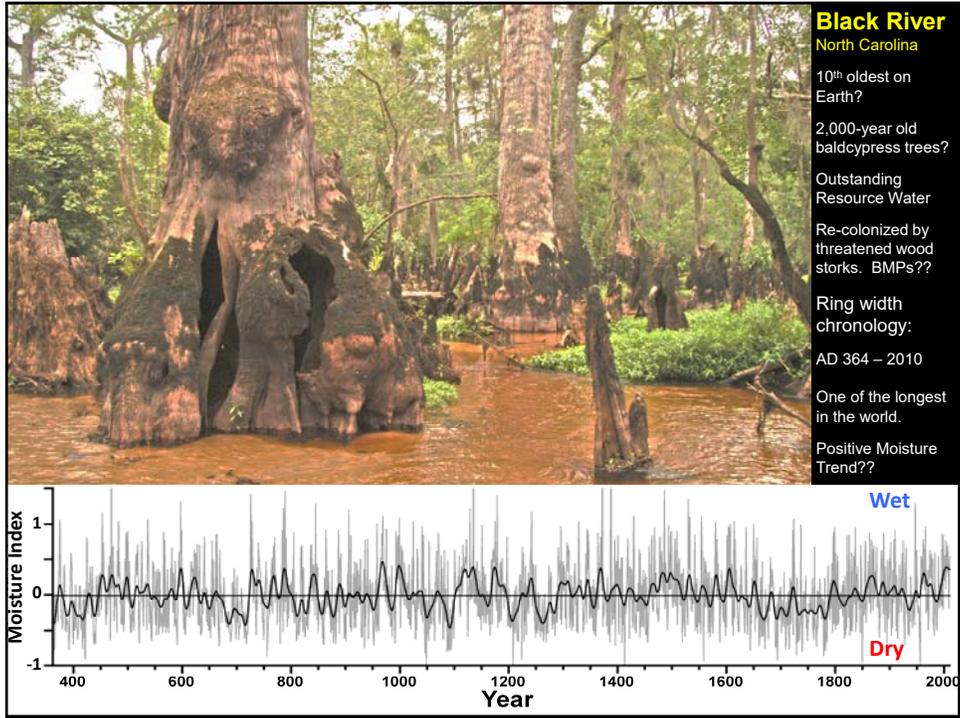
1990

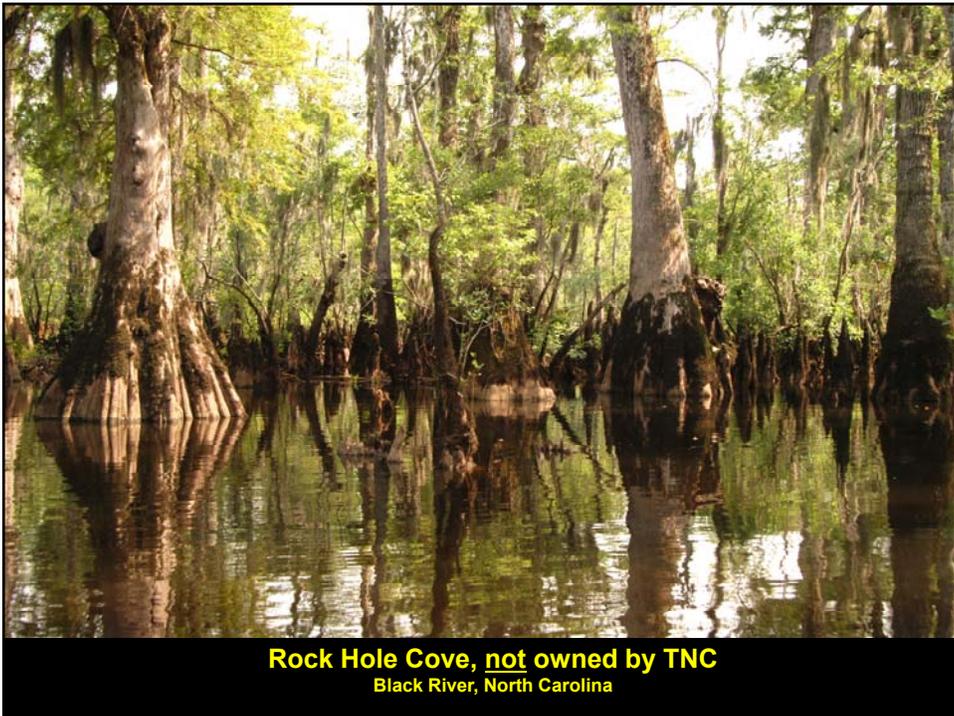
Baldcypress
(*Taxodium distichum*)

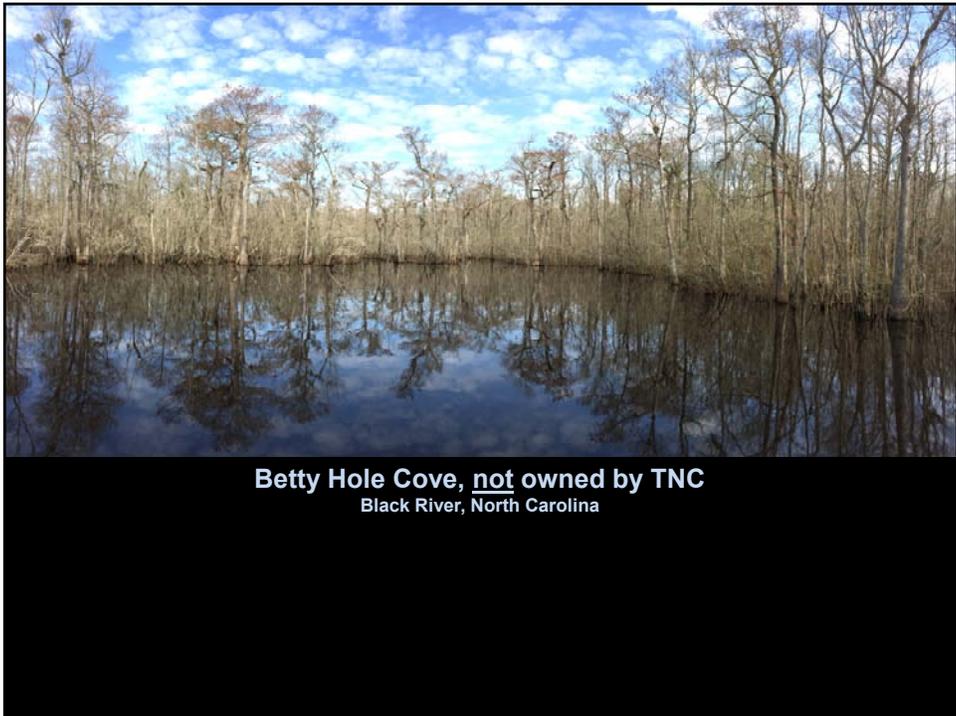
Sources:
Foreman, D. and Wolke, H., 1992. *The Big Outside: A Descriptive Inventory of the Big Wilderness Areas of the United States*. Harmony Books, G. Draffan, ed.
Greeley, William B., 1925. The Relation of Geography to Timber Supply. *Economic Geography*, vol. 1, p. 1-11.











Ancient Bald Cypress Consortium

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Ancient Bald Cypress parcels on Black River that are not owned by The Nature Conservancy (and remain threatened):

1. **'Three Sisters' Cove** (~ 600 acres)
2. Colvin Cove
3. Rock Hole Cove
4. Wilson's Cove
5. Betty Hole Cove
6. Aldeman's Cove
7. Moore's Creek Cove
8. Narrow Mouth Cove
9. Bird's Island Cove
10. Several tracts of bottomland hardwoods & bald cypress on the upper Black River
11. And certainly many other stands of remarkably old trees elsewhere on the Black River, the Northeast Cape Fear River, and several other streams in North Carolina, South Carolina, and across the southeastern United States.



Black River is the Best...

Certainly one of North Carolina's most Natural & Scenic Rivers,
with some of the oldest living trees on Earth!

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