

## Group #1 Description of American Chestnut Distribution

### Data Set for Chestnut Distribution before 1880:

The areas of the eastern United States where the American chestnut could be found free of blight in 1880 are listed below. Use these data to create a colored distribution map. Label the map "American Chestnut Distribution before 1880."

- Maine—southern quarter of the state
- New Hampshire—southern quarter of the state
- Vermont—southern quarter of the state
- Massachusetts—entire state
- Connecticut—entire state
- Rhode Island—entire state
- New York—southern third of the state
- Pennsylvania—entire state
- New Jersey—entire state
- Delaware—entire state
- Maryland—northern half of the state
- Virginia—western quarter of the state
- West Virginia—entire state
- Ohio—eastern half of the state
- Indiana—southeastern fifth of the state
- Kentucky—eastern half of the state
- Tennessee—eastern three-quarters of the state
- North Carolina—western third of the state
- South Carolina—western quarter of the state
- Georgia—northern quarter of the state
- Alabama—northern quarter state
- Mississippi—northeastern quarter of the state

## Group #2 Description of American Chestnut Distribution

### Data Set for Chestnut Distribution before 1908:

The areas of the eastern United States where the American chestnut could be found free of blight in 1908 are listed below. Use these data to create a colored distribution map. Label the map "American Chestnut Distribution in 1908."

New Hampshire—southern quarter of the state

Vermont—southern quarter of the state

Massachusetts—entire state

New York—southeastern third of the state

Pennsylvania—entire state

Virginia—western quarter of the state

West Virginia—entire state

Ohio—eastern half of the state

Indiana—southeastern fifth of the state

Kentucky—eastern half of the state

Tennessee—eastern three-quarters of the state

North Carolina—western third of the state

South Carolina—western quarter of the state

Georgia—northern quarter of the state

Alabama—northern quarter state

Mississippi—northeastern quarter of the state

## Group #3 Description of American Chestnut Distribution

### Data Set for Chestnut Distribution in 1911:

The areas of the eastern United States where the American chestnut could be found free of blight in 1911 are listed below. Use these data to create a colored distribution map. Label the map "American Chestnut Distribution in 1911."

New York—southern quarter of the state

Pennsylvania—northwestern three-quarters of the state

Virginia—western quarter of the state

West Virginia—northern four-fifths of the state

Ohio—central half of the state

Indiana—southeastern fifth of the state

Kentucky—eastern half of the state

Tennessee—eastern three-quarters of the state

North Carolina—western third of the state

South Carolina—western quarter of the state

Georgia—northern quarter of the state

Alabama—northern quarter state

Mississippi—northeastern quarter of the state

## Group #4 Description of American Chestnut Distribution

### Data Set for Chestnut Distribution in 1913:

The areas of the eastern United States where the American chestnut could be found free of blight in 1913 are listed below. Use these data to create a colored distribution map. Label the map "American Chestnut Distribution in 1913."

Virginia—western quarter of the state

West Virginia—northern four-fifths of the state

Ohio—eastern half of the state

Indiana—southeastern fifth of the state

Kentucky—eastern half of the state

Tennessee—eastern three-quarters of the state

North Carolina—western third of the state

South Carolina—western quarter of the state

Georgia—northern quarter of the state

Alabama—northern quarter state

Mississippi—northeastern quarter of the state

## Group #5 Description of American Chestnut Distribution

### Data Set for Chestnut Distribution in 1930:

The areas of the eastern United States where the American chestnut could be found free of blight in 1930 are listed below. Use these data to create a colored distribution map. Label the map "American Chestnut Distribution in 1930."

Indiana—southeastern fifth of the state

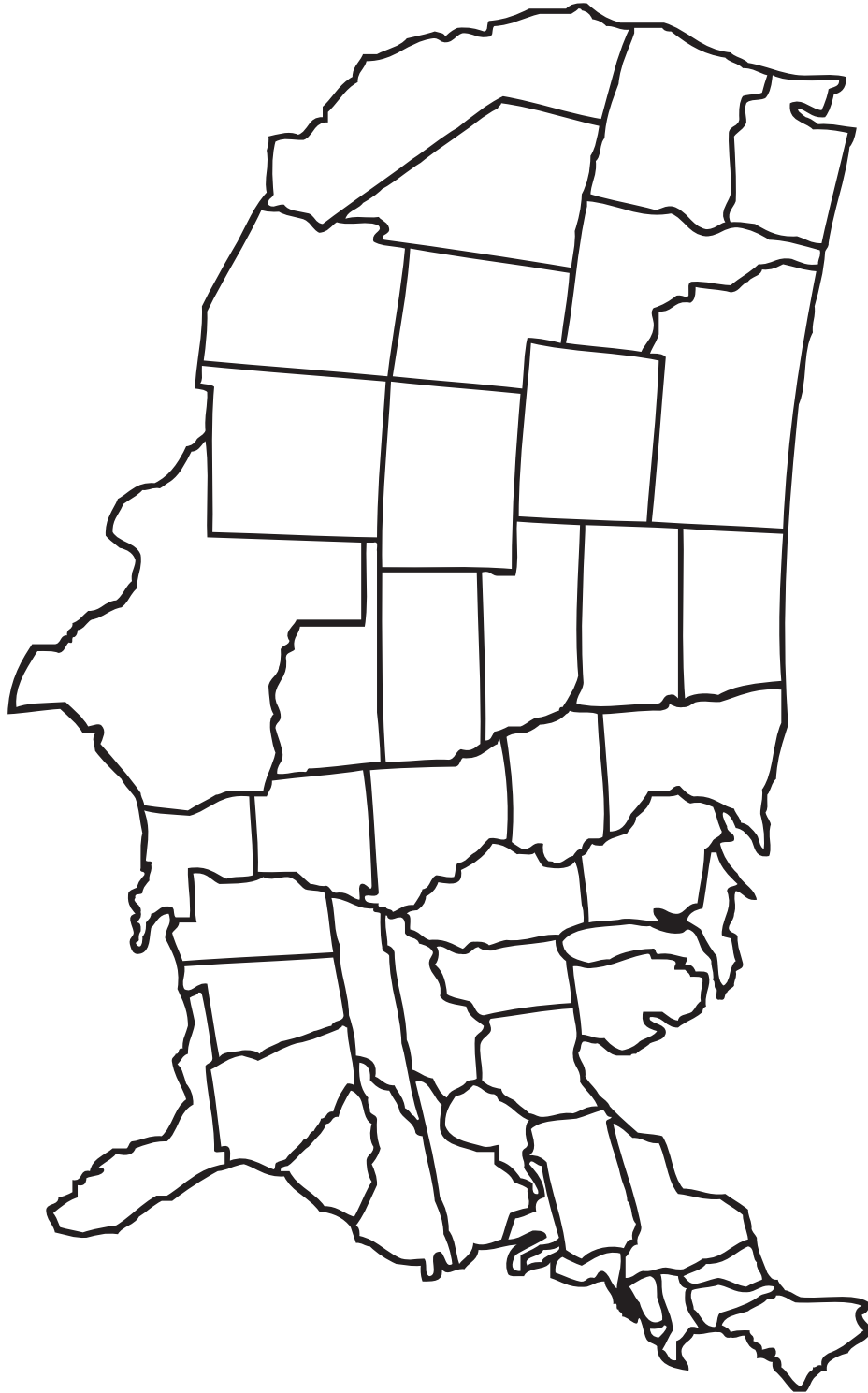
Kentucky—central quarter of the state

Tennessee—central quarter of the state

Alabama—northern quarter state

Mississippi—northeastern quarter of the state

## Outline Map of the United States



## Charlie Chestnut Webquest

Use the information found in the Charlie Chestnut scrapbook to answer the questions below.

- Create a timeline that spans from 1799 to today. As you read through the Charlie Chestnut scrapbook, add notations to the timeline that describes significant events in the history of the American chestnut.

- What physical features could you use to identify an American chestnut tree?

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- How did the American chestnut come to dominate the eastern forests before the blight?

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- What exactly is a "blight"?

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- Describe how the blight physically affects a single chestnut tree.

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- What role did the American chestnut play before 1900? Include a description of this tree's role in human society, as well as its role in the forest ecosystem.

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- How did the loss of the American chestnut affect the people of that era?

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- How do you think the population distribution and diversity of other eastern forest plant and animal species changed during the time the American chestnut was dying out?

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- Are there any reasons that the scientists, the inhabitants of that region, or the inhabitants of other parts of the United States where the tree may not occur naturally would be concerned about the loss of one particular species?

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- What specific actions has the American Chestnut Foundation taken to fulfill its purpose?

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