

The Chestnut Bark Disease: A Trip Through Time

Sandra L. Anagnostakis

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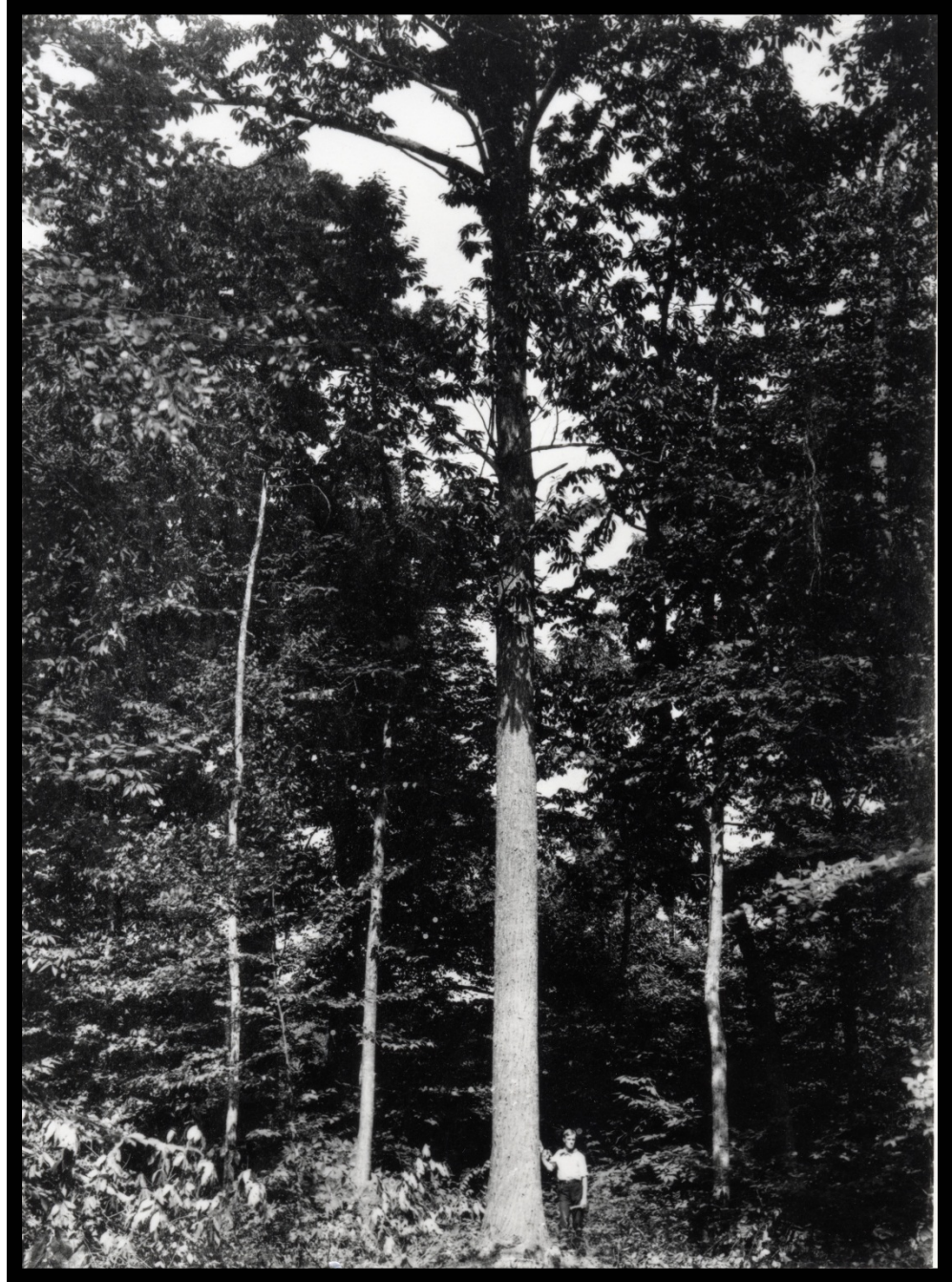


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Read by Mrs. Flora W. Patterson, Mycologist

**Bureau of Plant Industry, United States Department of Agriculture
Washington, D.C.**



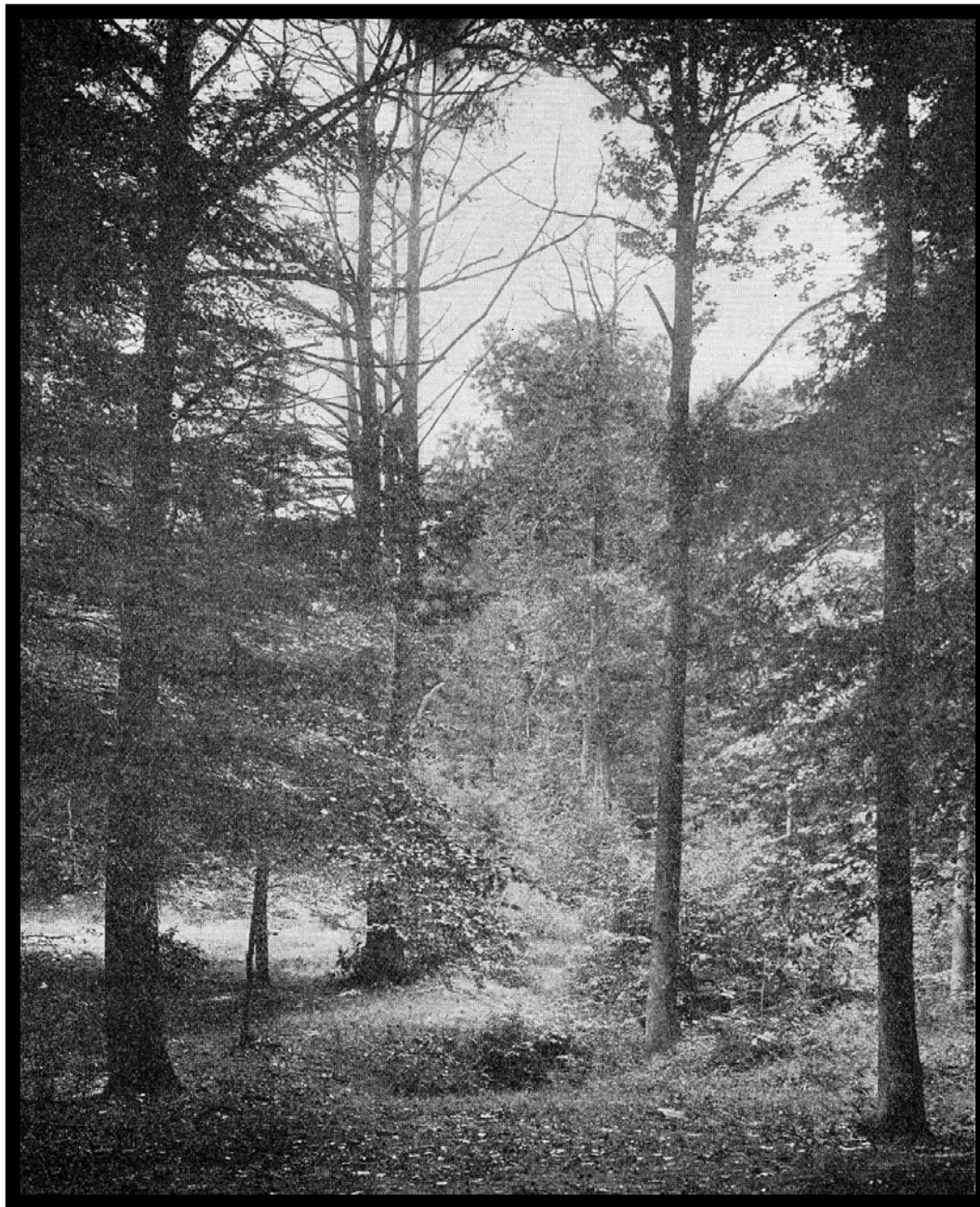


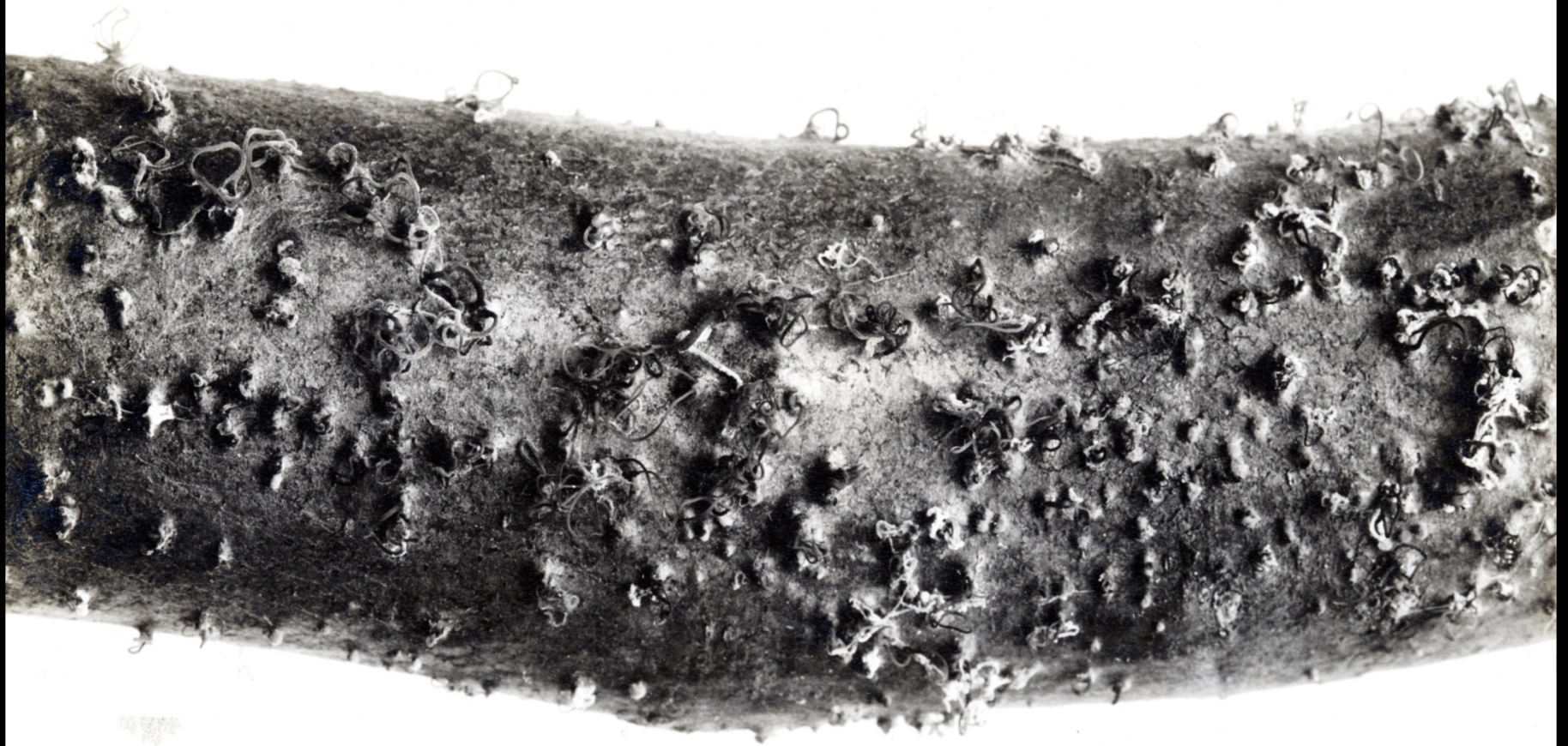






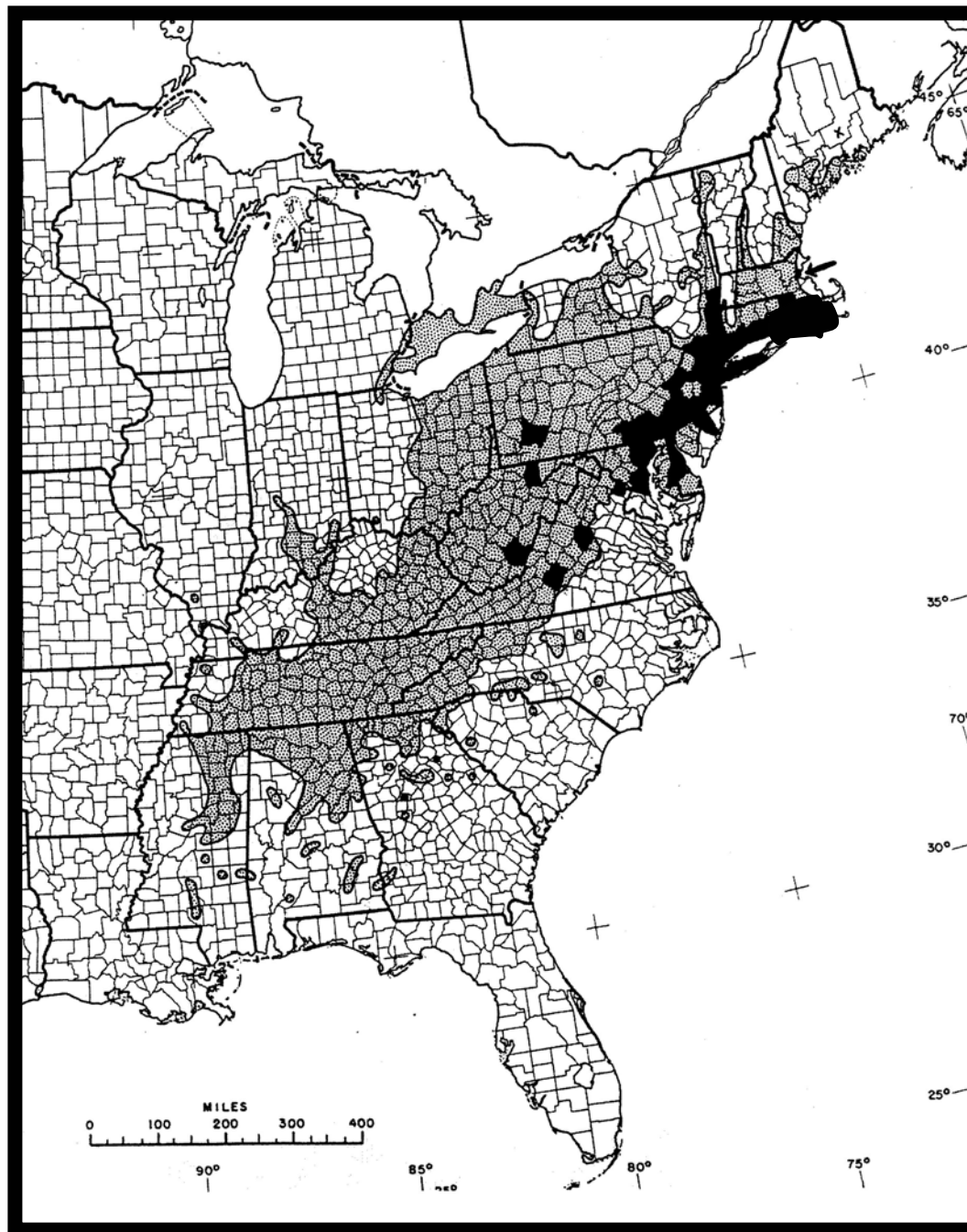










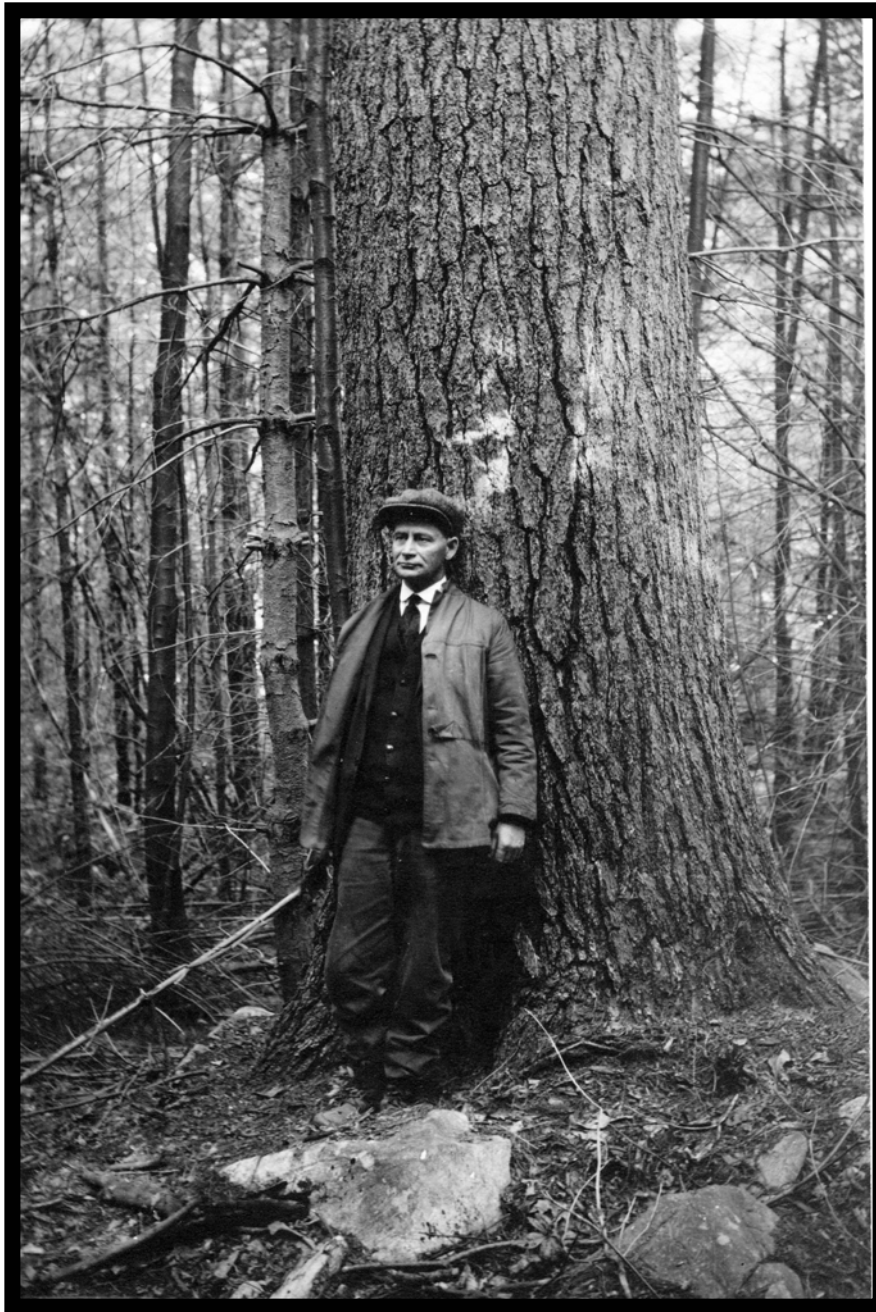








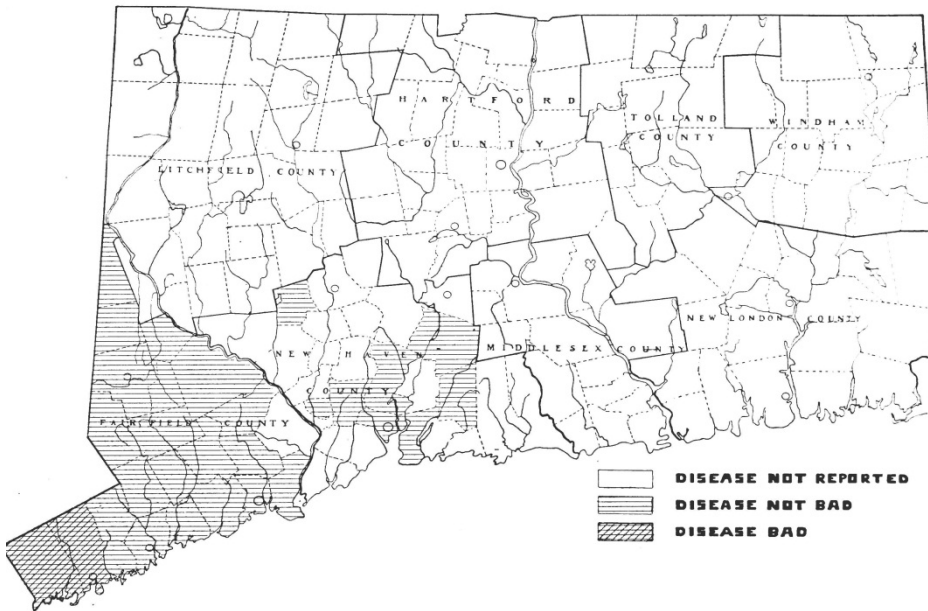




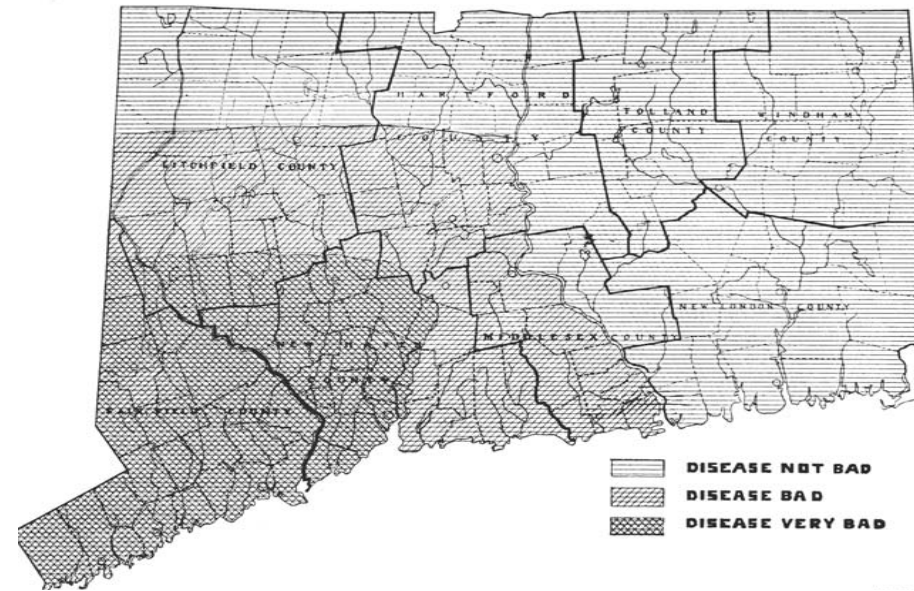
**George P.
Clinton
1867 – 1937**

**At CAES from
1902 to 1937**





1908



1912

Chestnut bark disease in Connecticut

The Name of the Chestnut Canker Disease Fungus

- Flora W. Patterson 1905
Cytospora
- William A. Murrill 1906
Diaporthe parasitica
- Paul J. Anderson 1913
Endothia parasitica
- Margaret E. Barr 1978
Cryphonectria parasitica



Paul J. Anderson, 1884-1971

Worked at CAES from 1925 to 1953



1914



1949



Arthur H. Graves 1879 - 1962

The Chestnut Plantation
at Sleeping Giant
Chestnut breeding
begun 1930





Donald F. Jones
1890 - 1963
CAES Geneticist
From 1915 to 1964





Hans Nienstaedt at CAES 1948 to 1953

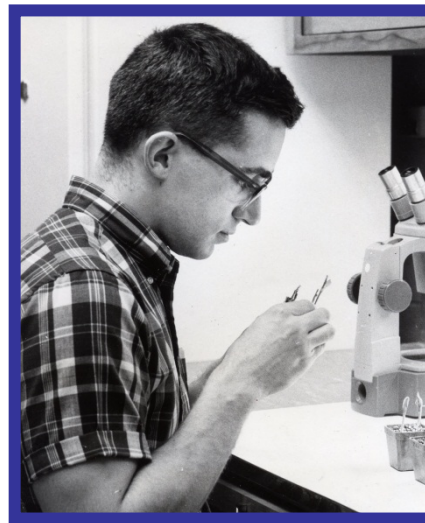


Richard A. Jaynes at CAES 1957 to 1983



John E. Elliston at CAES 1975 to 1988

CAES- Plant Science Day 2010



John E. Puhalla
at CAES 1965 to 1970



www.ct.gov/caes



**Sandra L. Anagnostakis
at CAES from 1966 to present**

**Anagnostakis worked
with Puhalla on the
biology of the fungus
from 1968 to 1972**





Biological control of chestnut blight disease with viruses that infect the fungus.

Anagnostakis imported strains from France in 1972







Plant resistant trees, and treat native sprouts with the biocontrol to keep them alive

**Pamela Sletten and
Cornelia Pinchot**



Seed Orchard of Resistant Chestnut Trees to Provide Timber for the Future, and Diversity for the Forests



Flora Wambaugh Patterson 1847 – 1928



**The first woman
fungus expert
hired by the U.S.
Department of
Agriculture**



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