

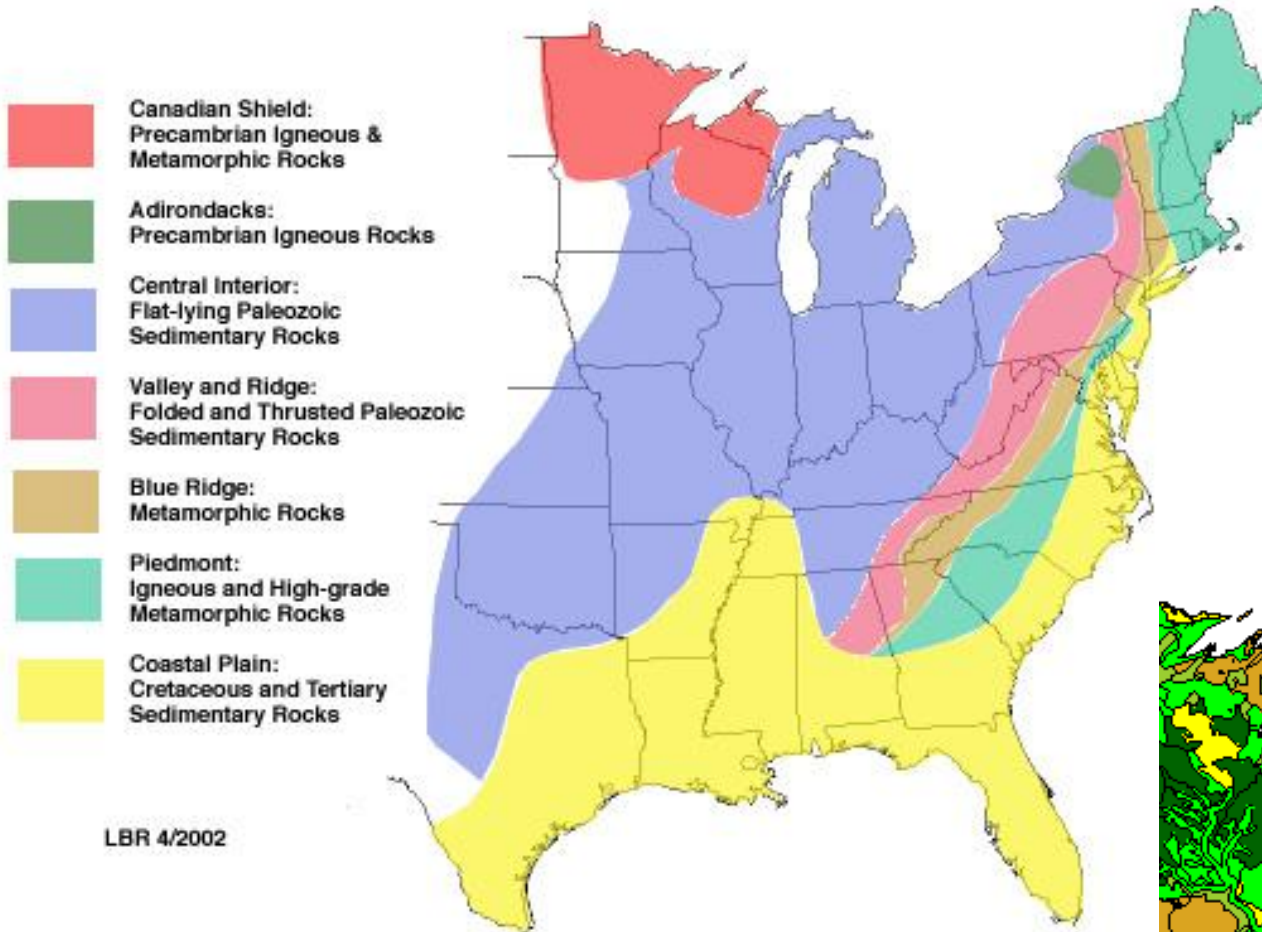
# Virtual Field Trip: Temperate Deciduous Forest



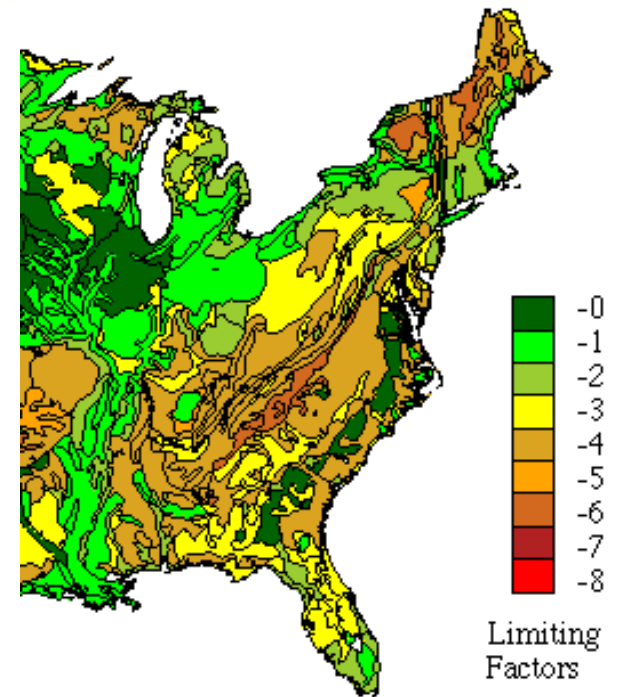
# Topography



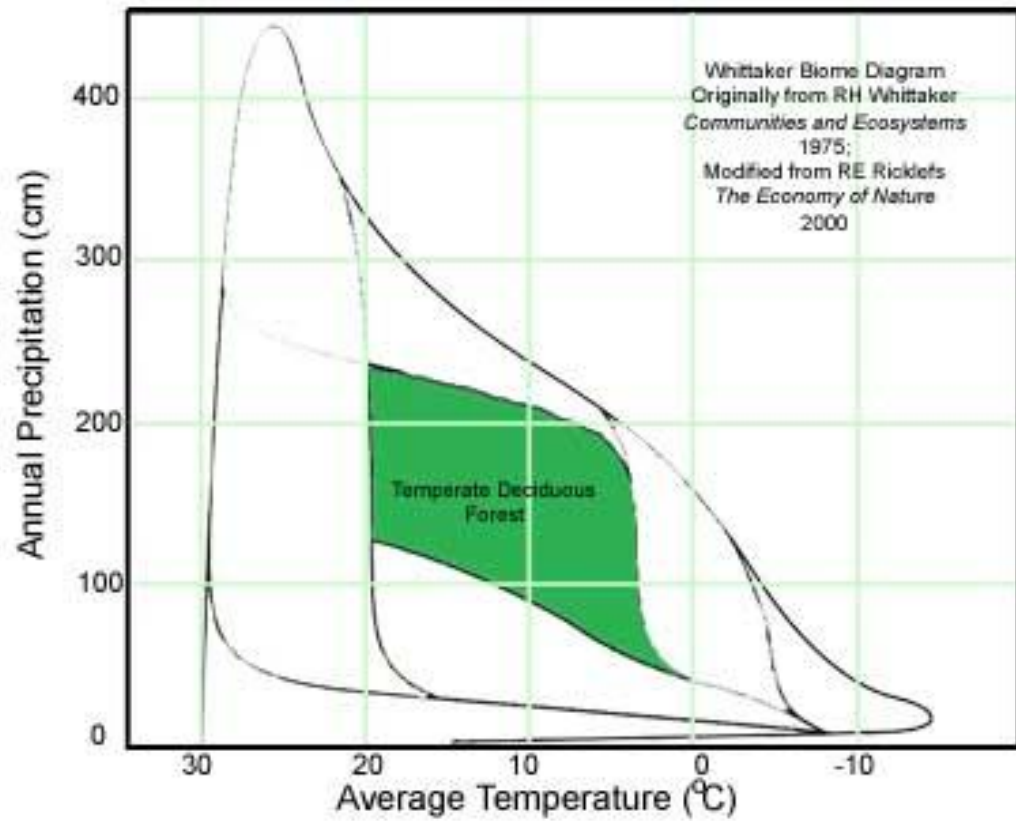
# Landform and Soils



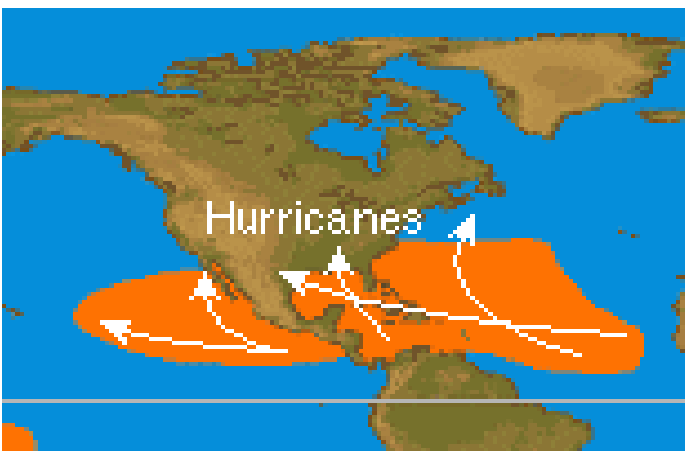
LBR 4/2002



# Climate



# Climate



# Vegetation Structure



# Vegetation Structure

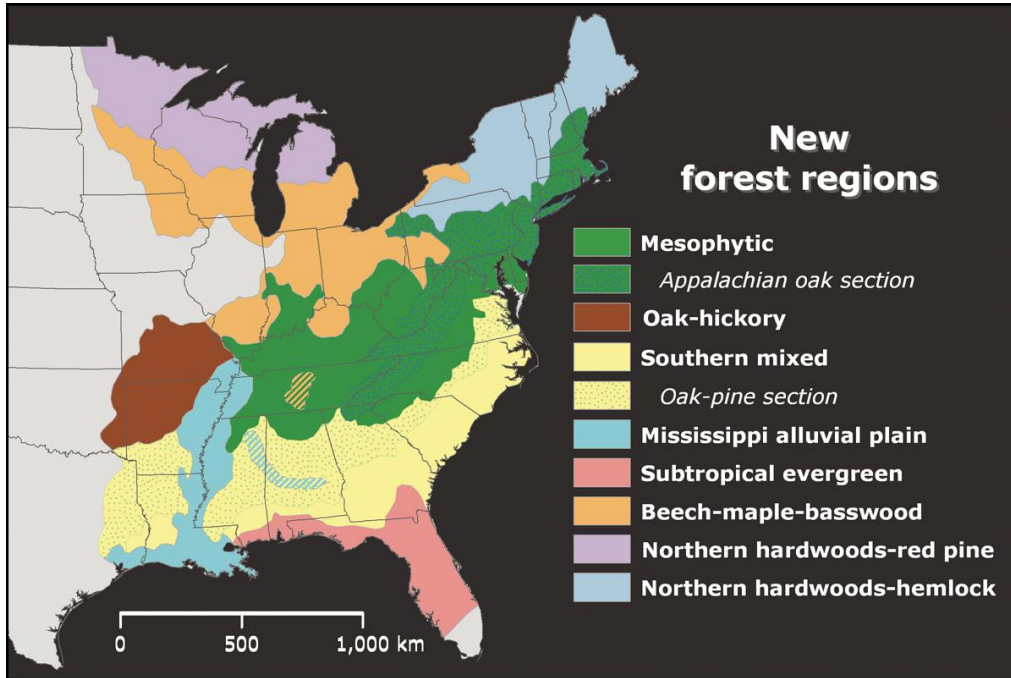


# Disturbance and Forest Growth Rates

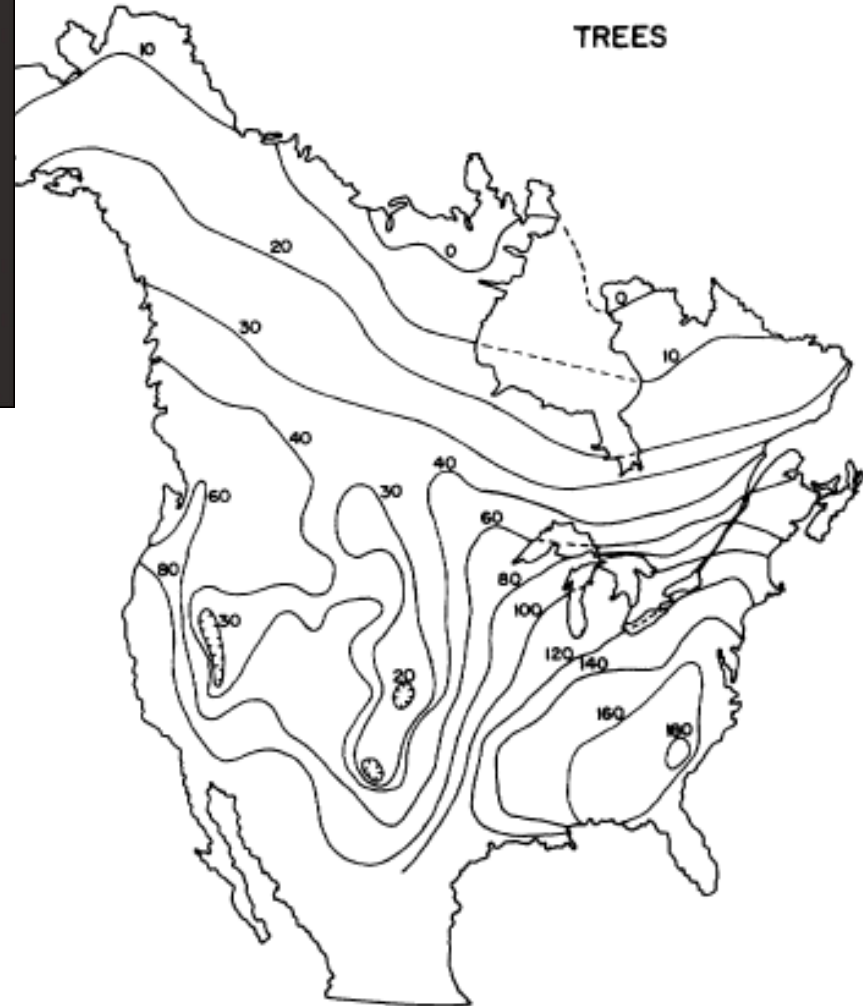




# Vegetation Composition



Dyer. 2006. BioScience



Currie 1991 Am Nat

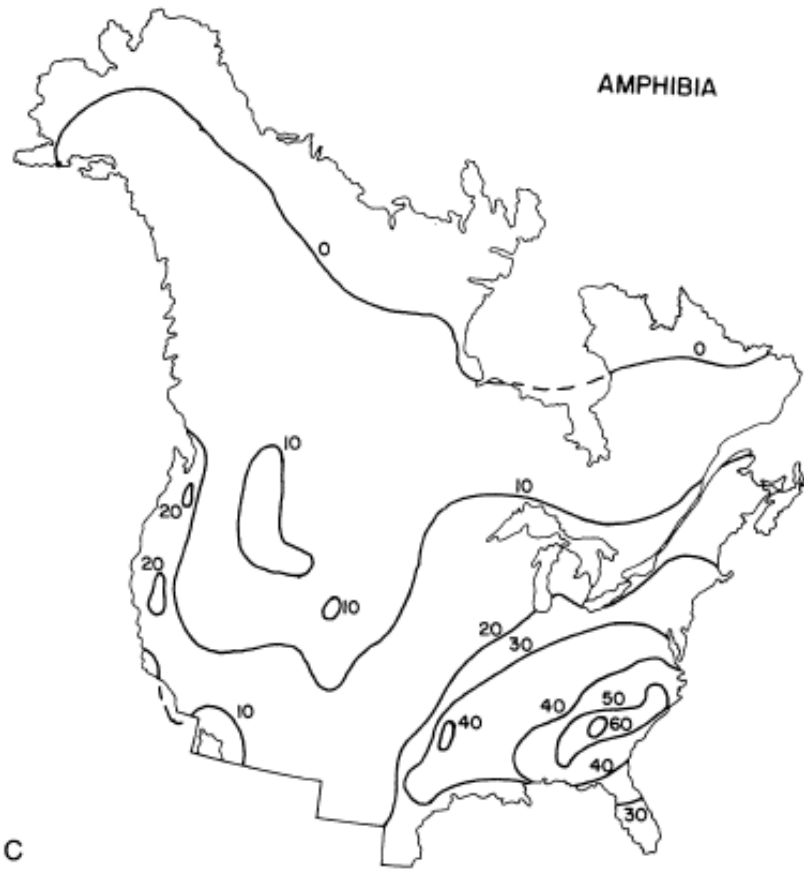
A

# Glacial History

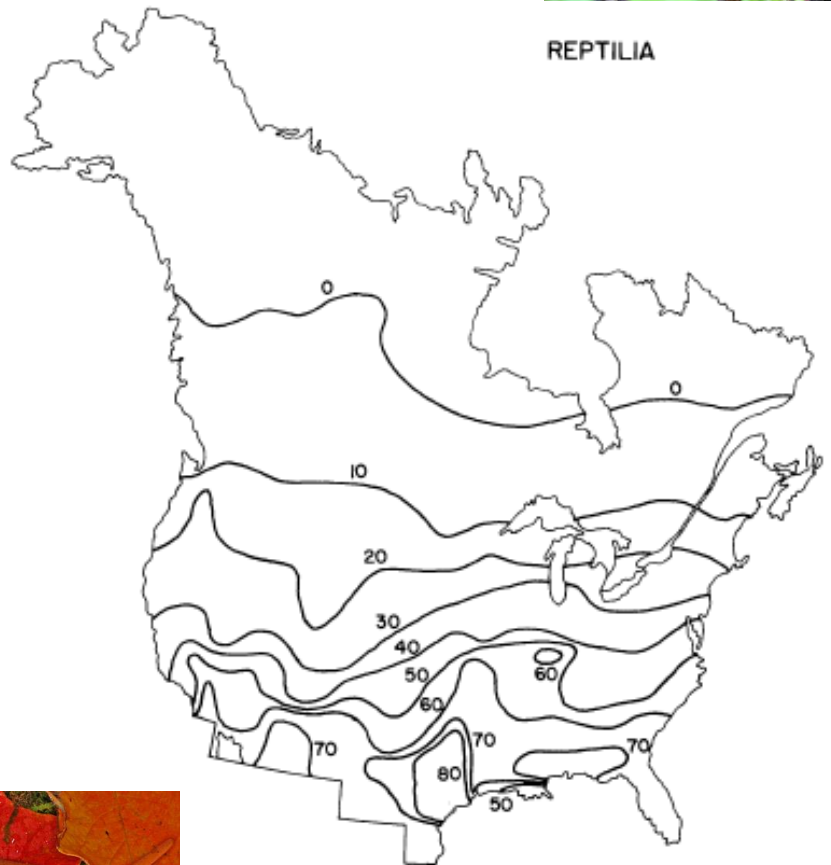


Ca 17,000 years BP

# Vertebrate Diversity



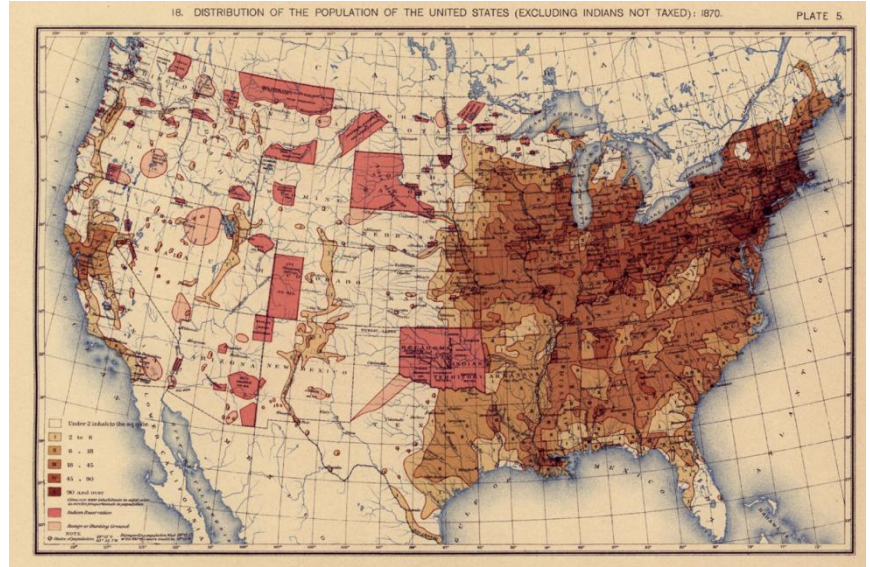
C



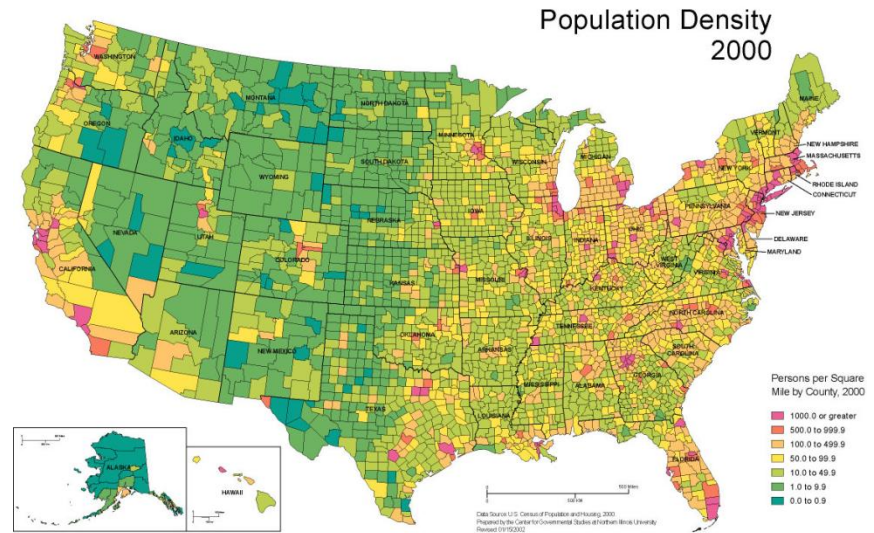
# Land Use History



1775

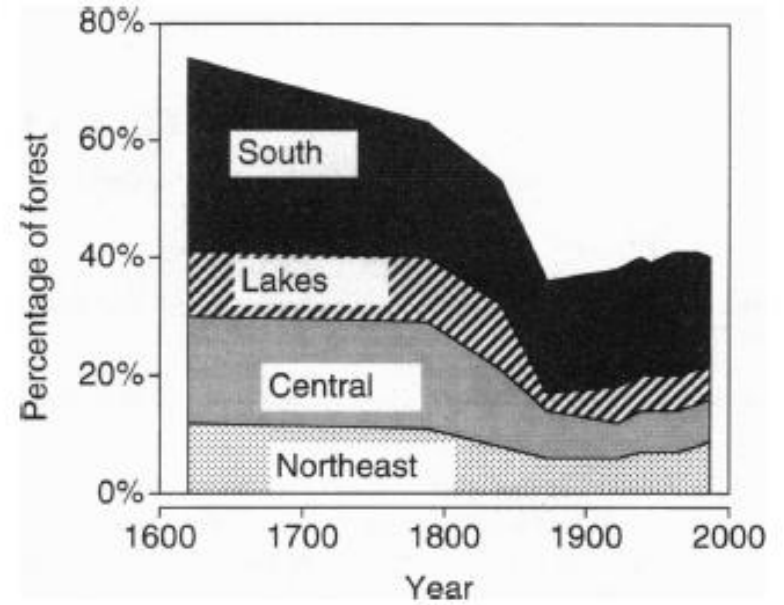
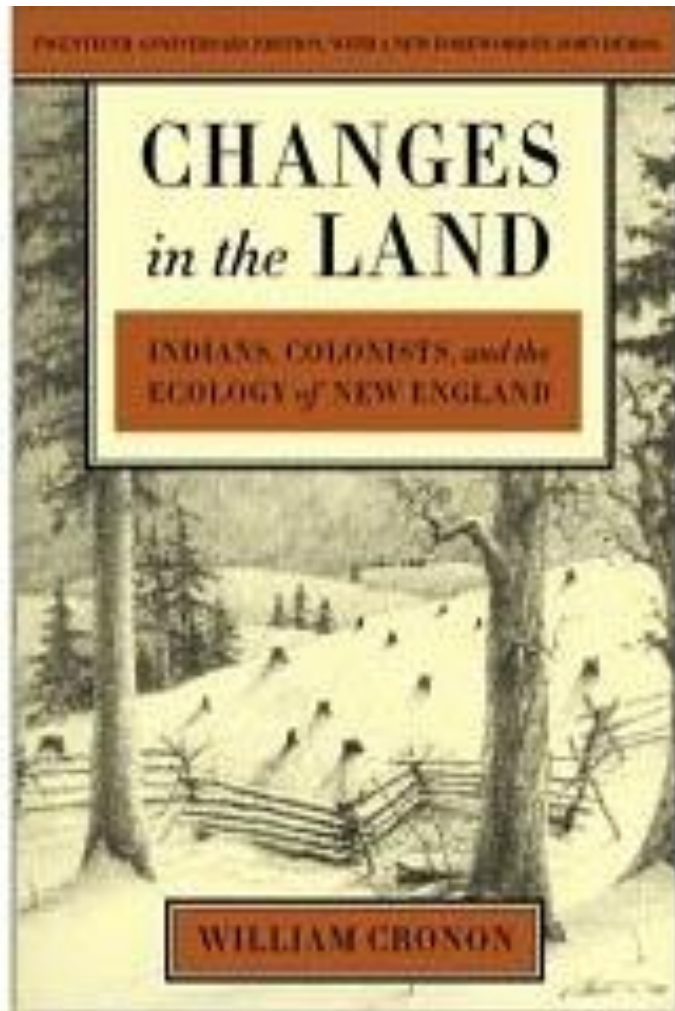


1870



2000

# Land Use History



Pimm and Askins 1995

# Forest History of New England



**Presettlement forest**



**Clearing for homestead: 1740**



**Height of forest clearing: 1830**



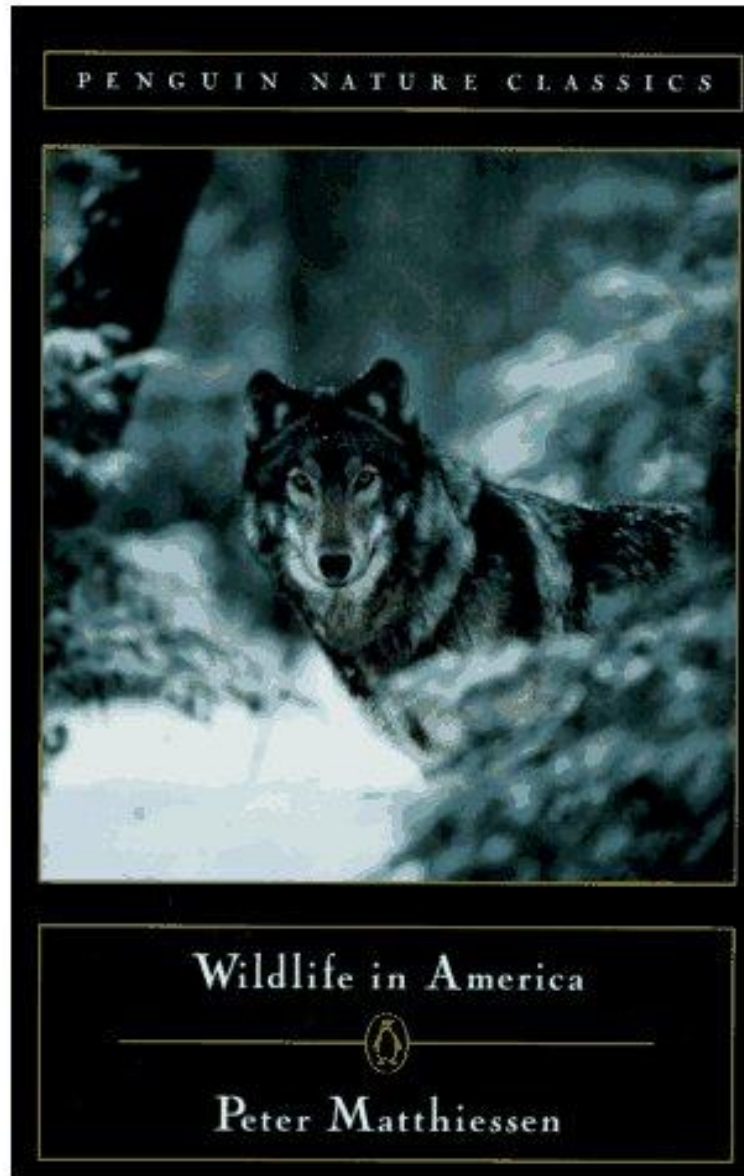
**Farm abandonment and old-field succession: 1850-1920**



**Modern landscape**

<http://harvardforest.fas.harvard.edu/diorama-series/landscape-history-central-new-england>

# Land Use History: Wildlife



1959

## Presettlement

Native species including grizzly, wolf, bison, elk



## 1850-1900

Extirpation of wilderness species;  
Dramatic loss of game species



## 2010

Restoration of wilderness species;  
Overpopulation of some game species;  
Expansion of Invasive species and diseases

# Conservation

