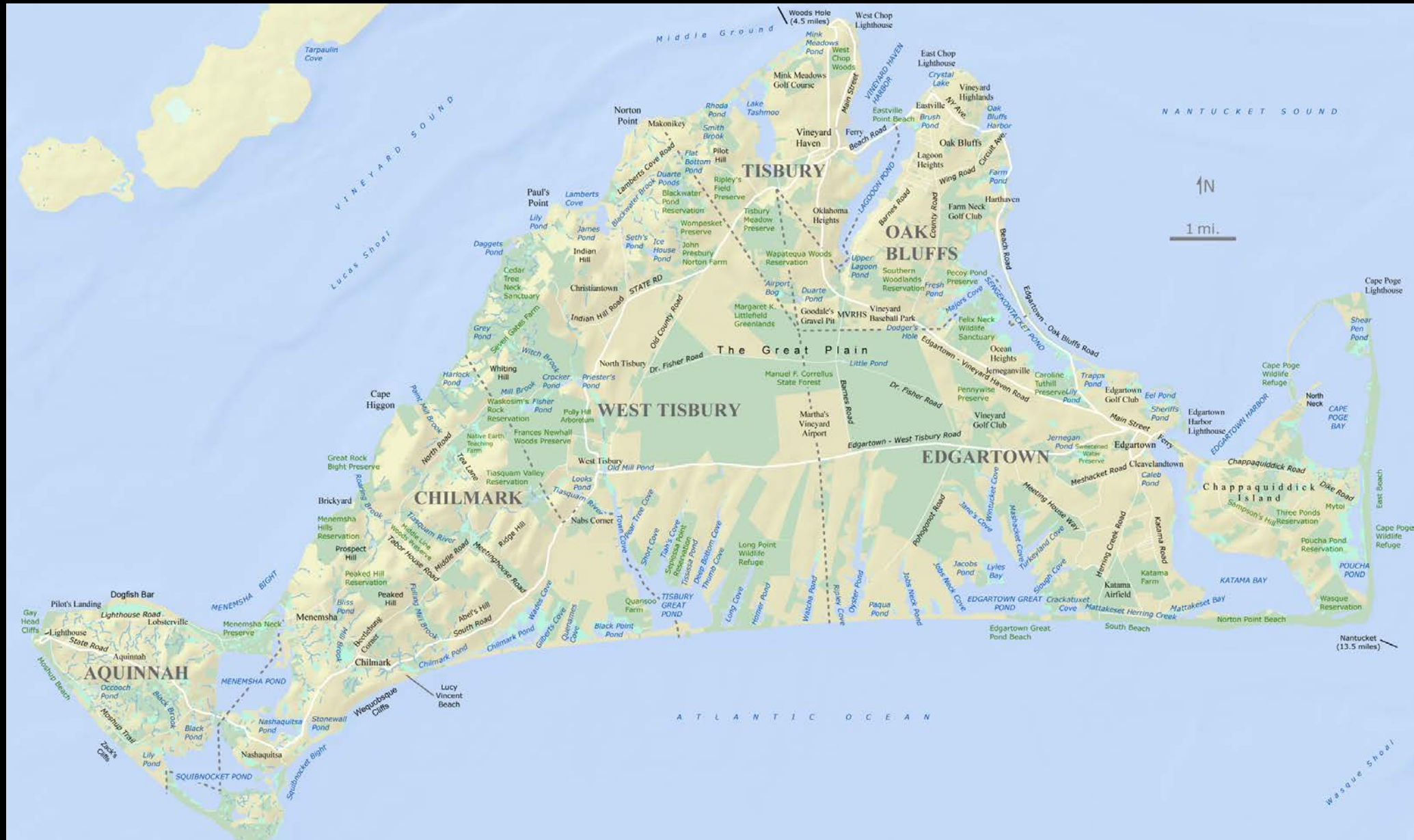


Reading and Conserving the Vineyard













LOBSTERVILLE
BAR & GRILLE





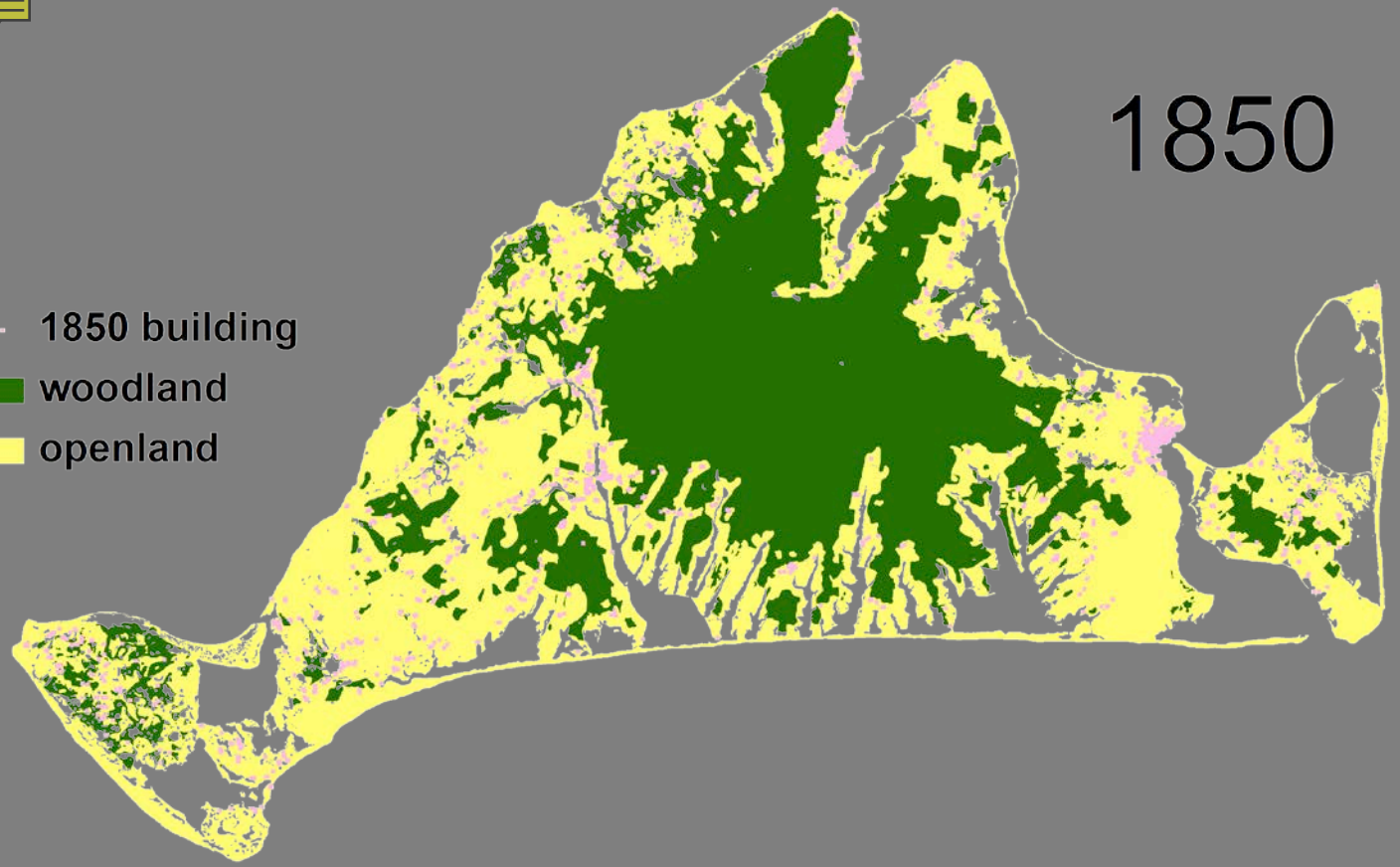




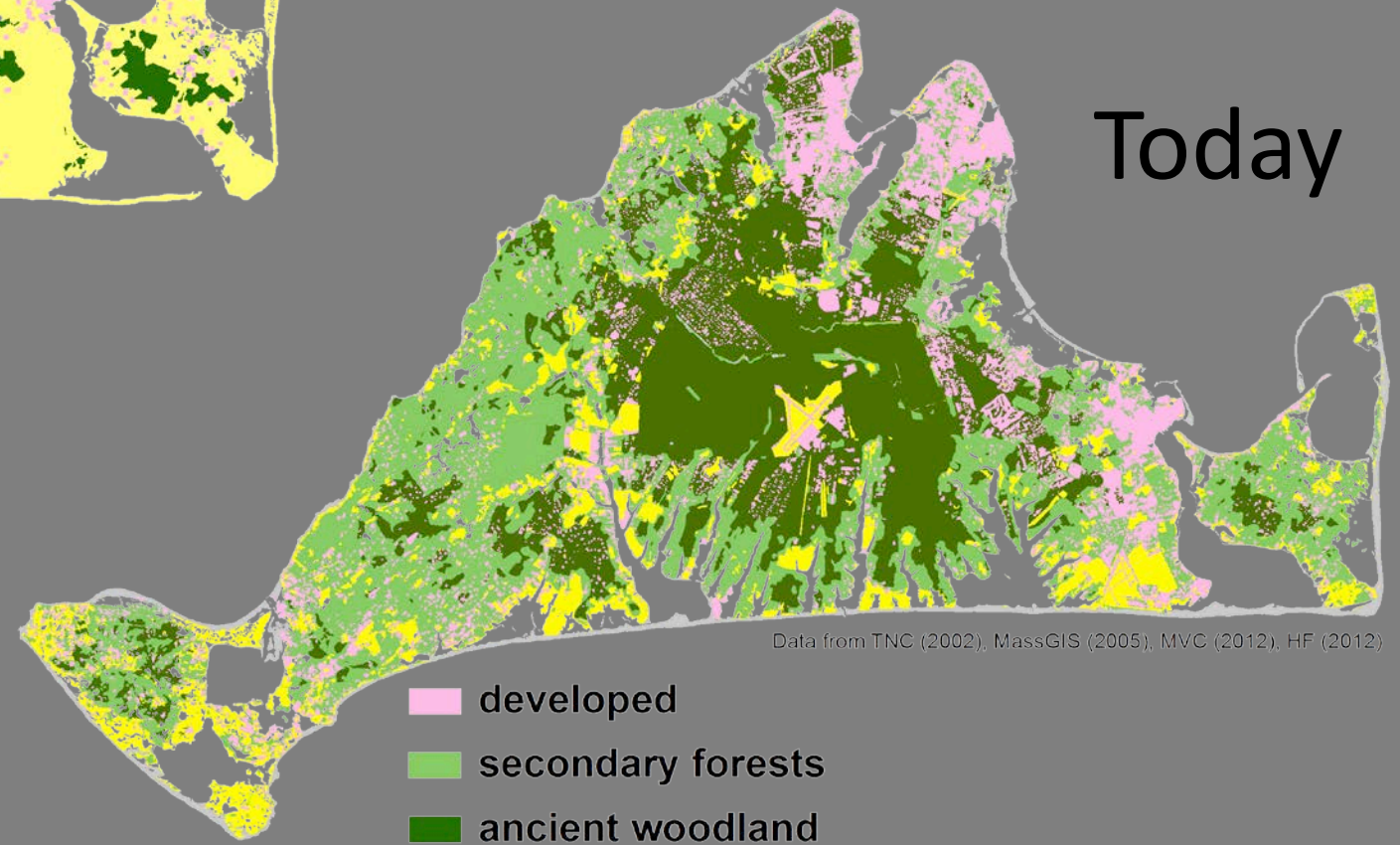


1850

- 1850 building
- woodland
- openland

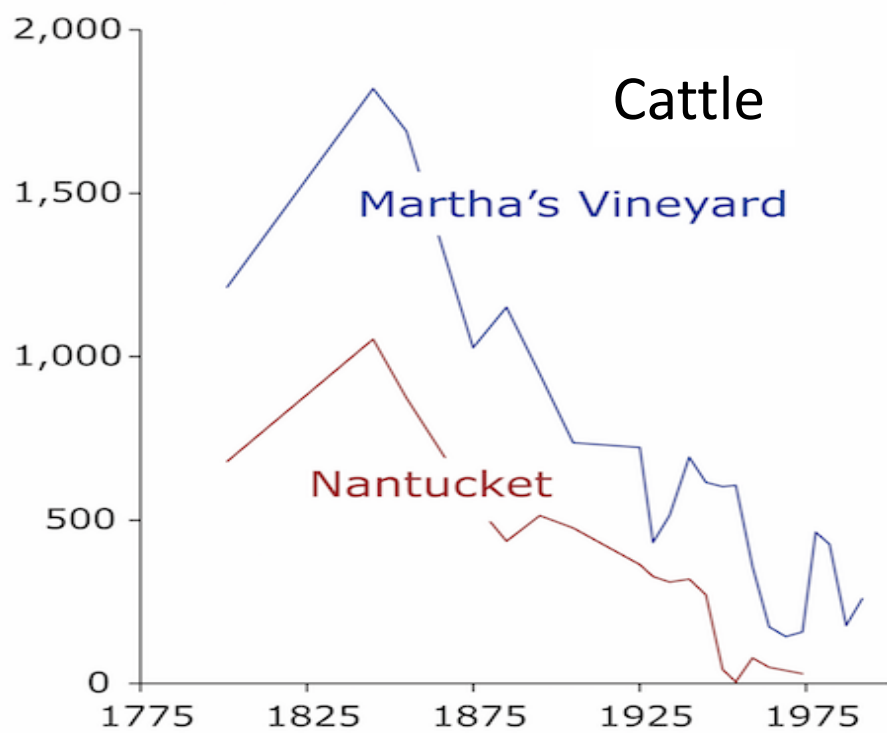
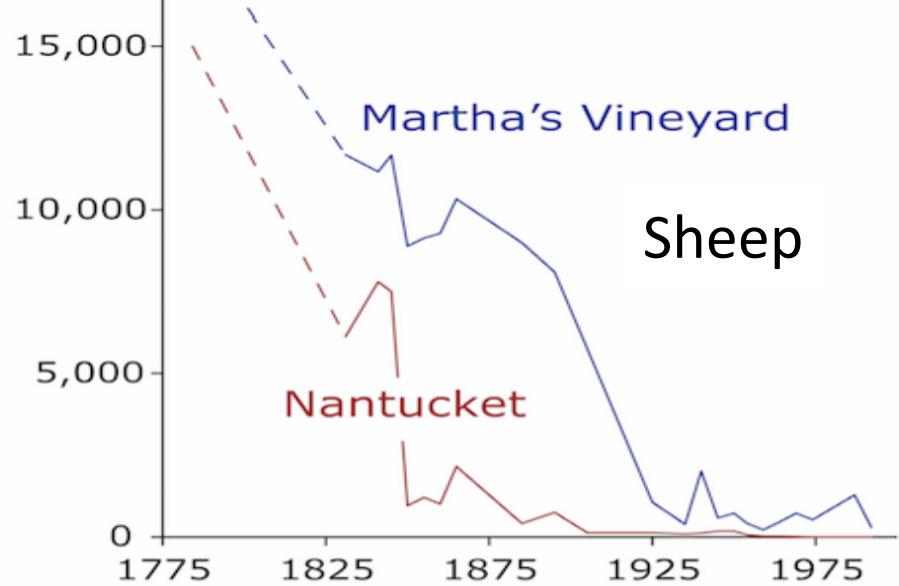


Today

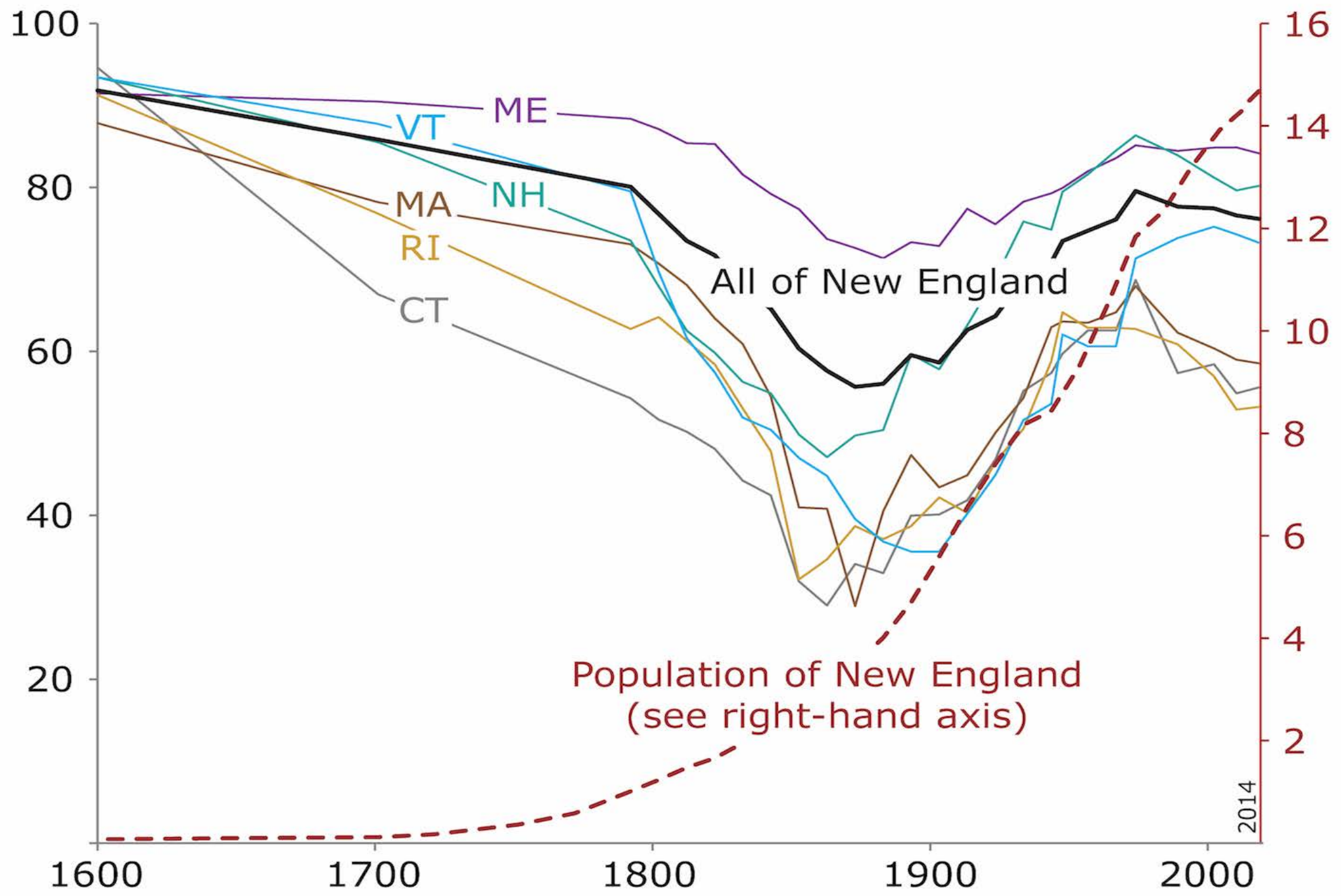


Data from TNC (2002), MassGIS (2005), MVC (2012), HF (2012)

- developed
- secondary forests
- ancient woodland
- openlands (active agriculture, grass types, heath, shrublands, old fields)



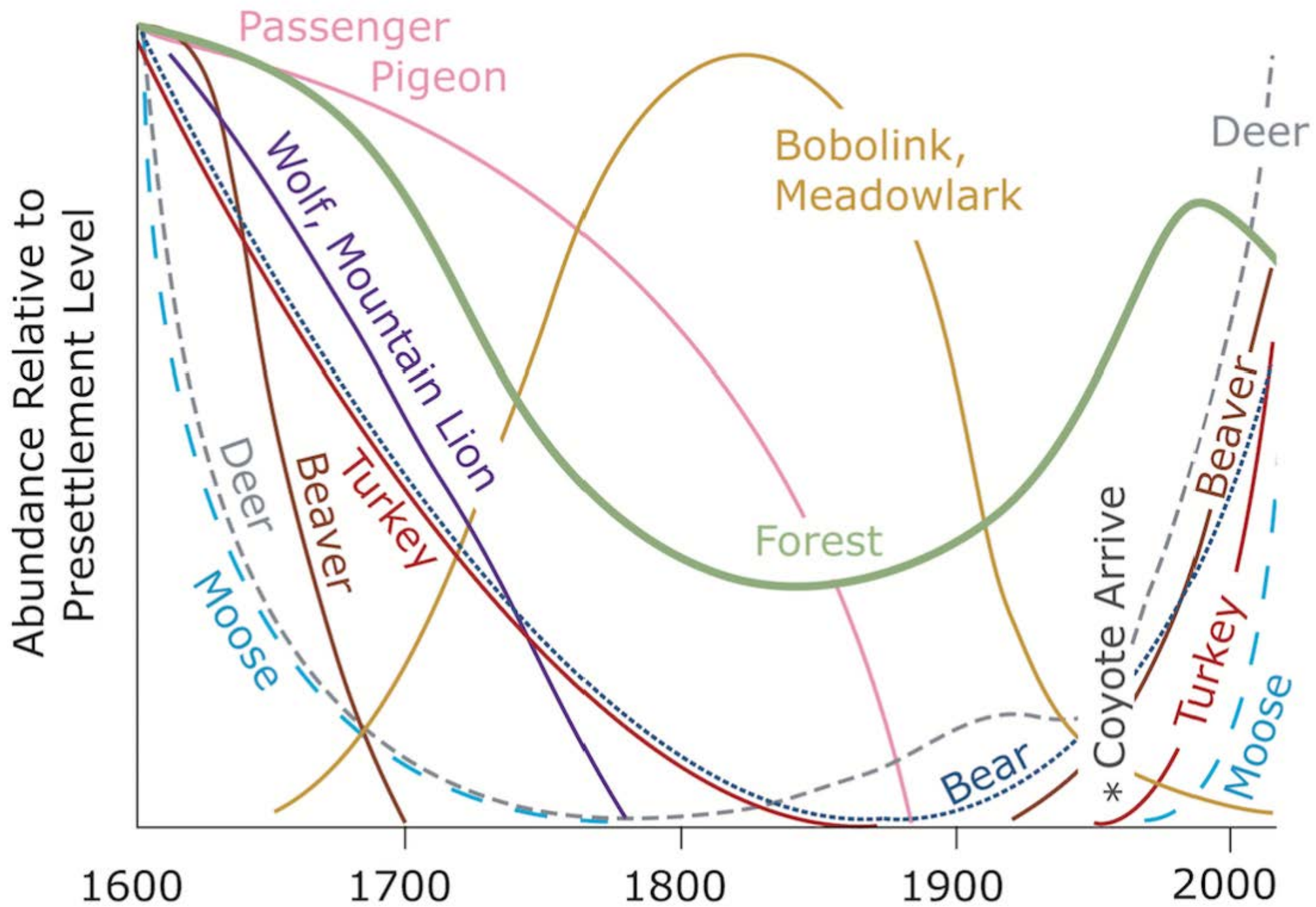
Forest Cover (percent of state)



Population (millions of people)

Population of New England
(see right-hand axis)

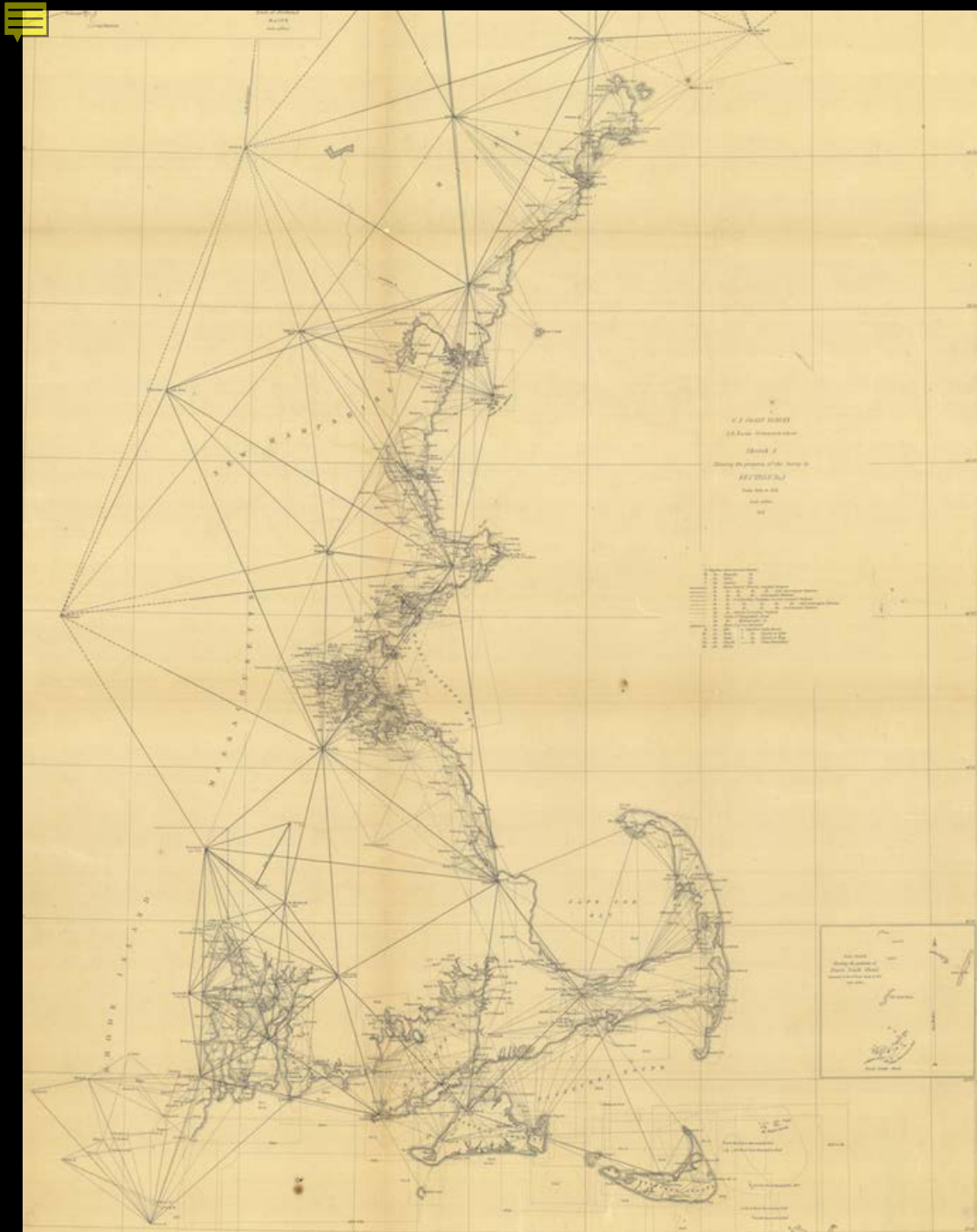
2014





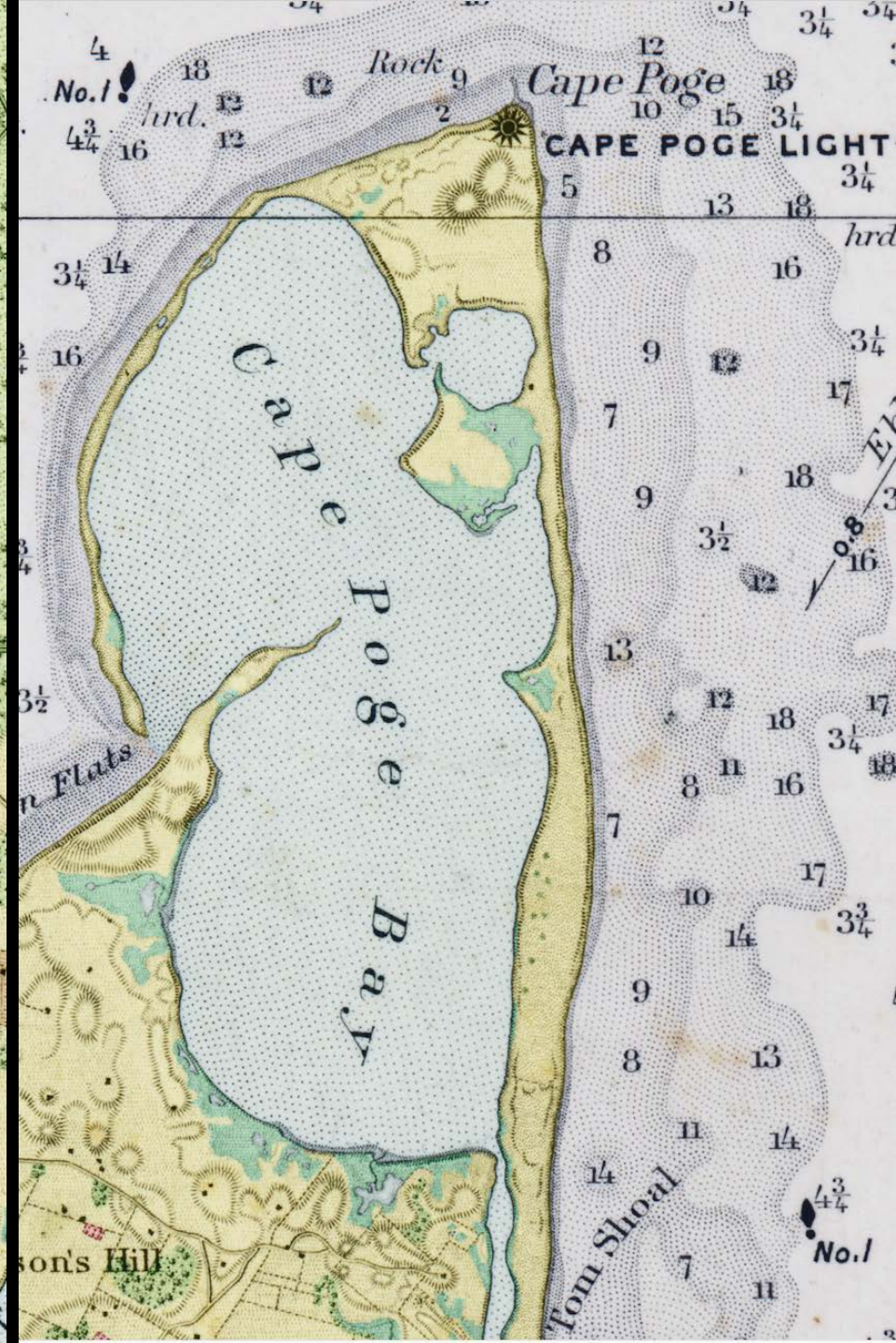
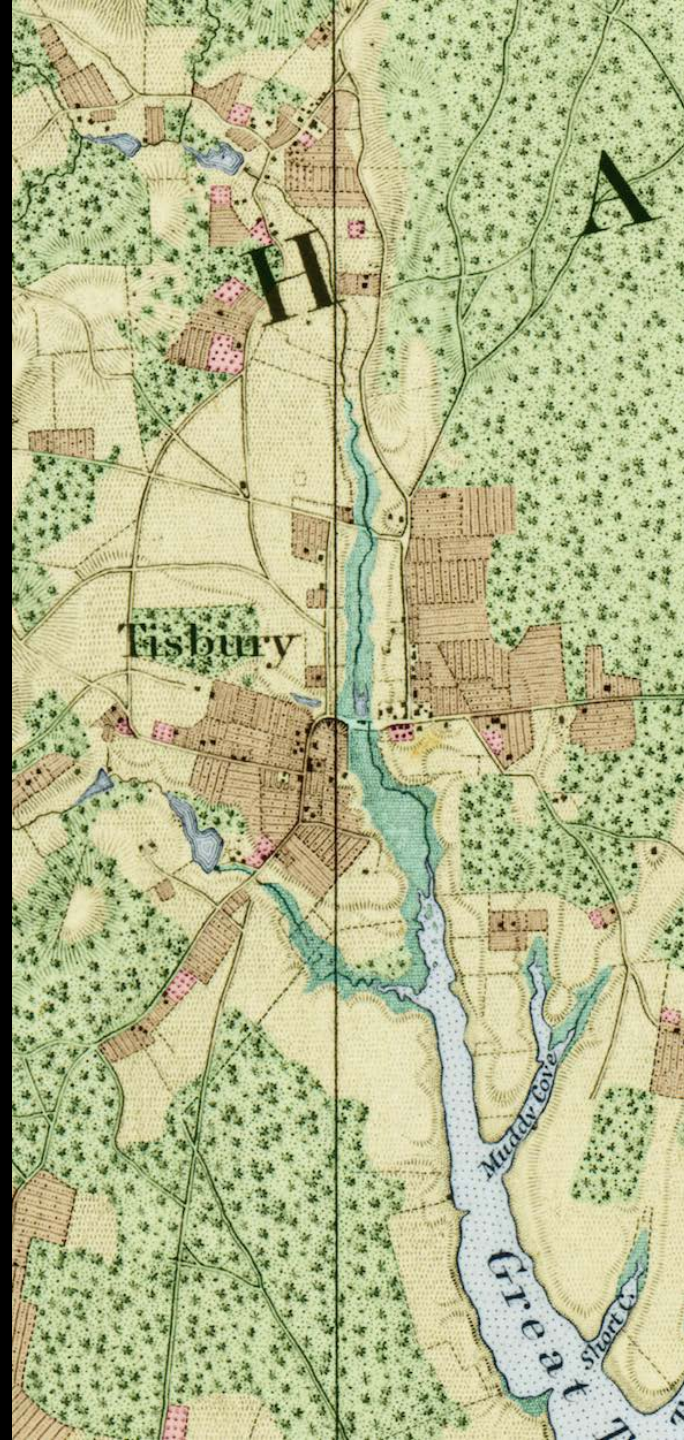
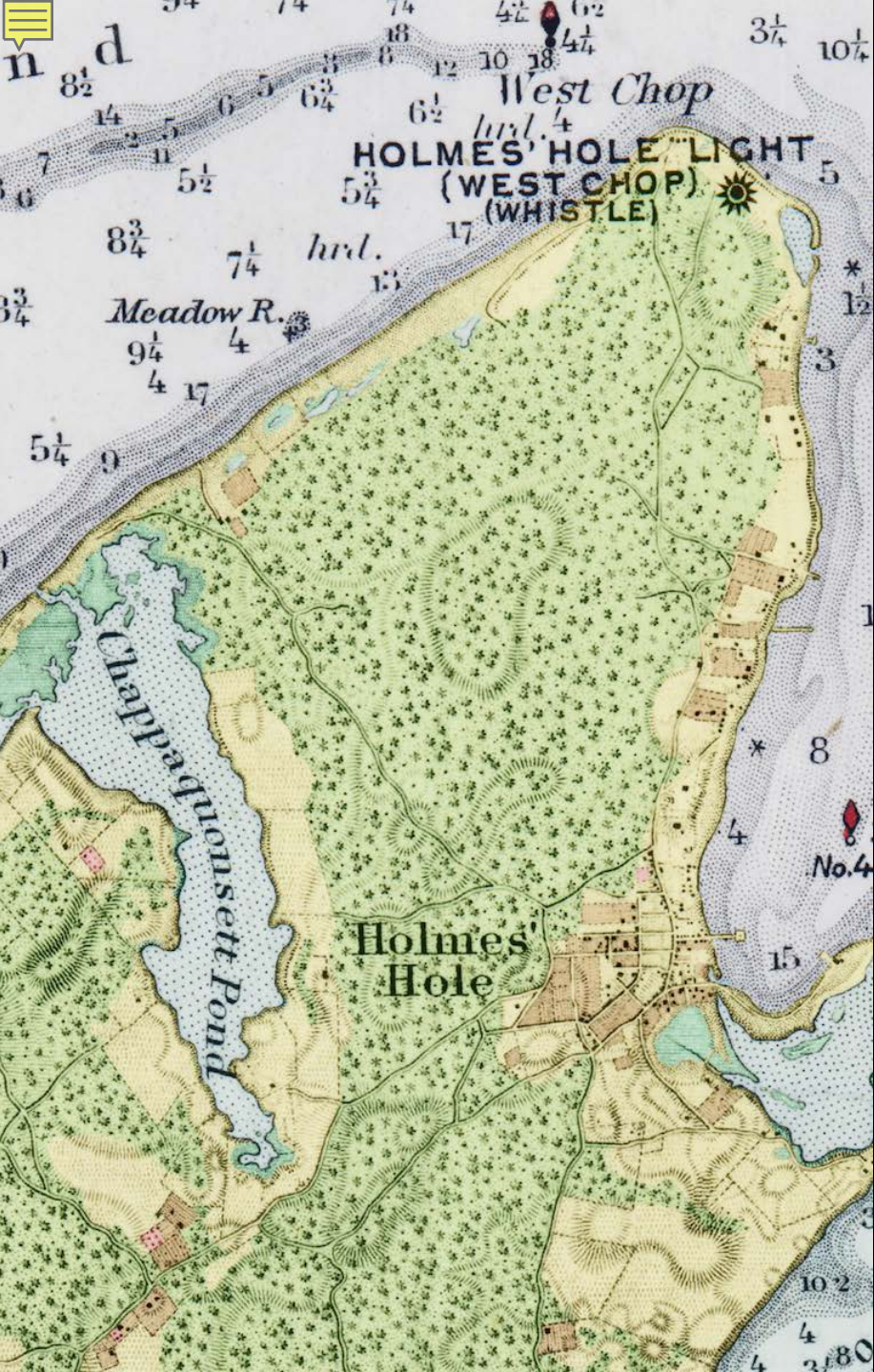
History's Insights into Martha's Vineyard —
Today and Tomorrow

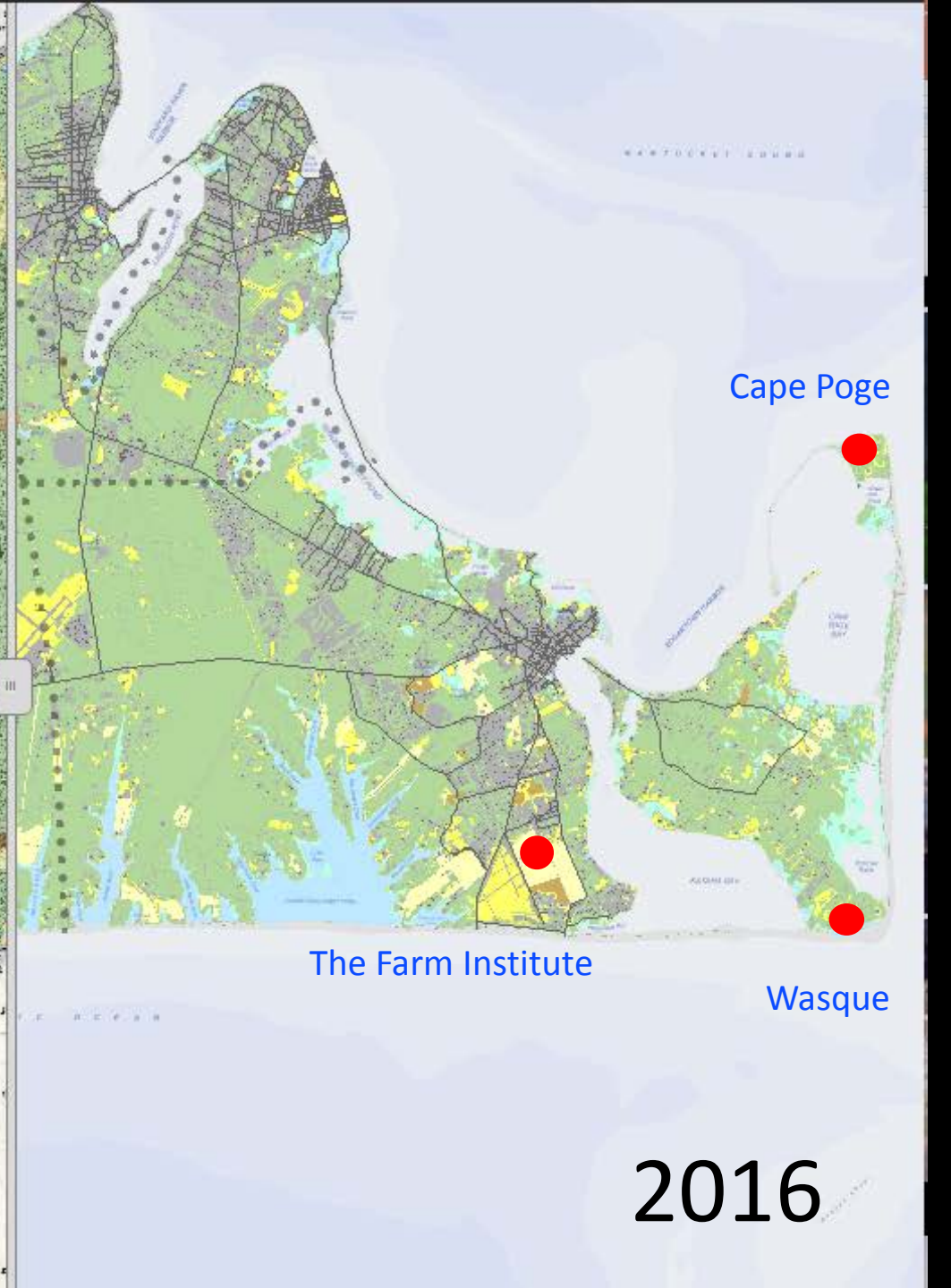
*The 1850 Map by
Henry Laurens Whiting*

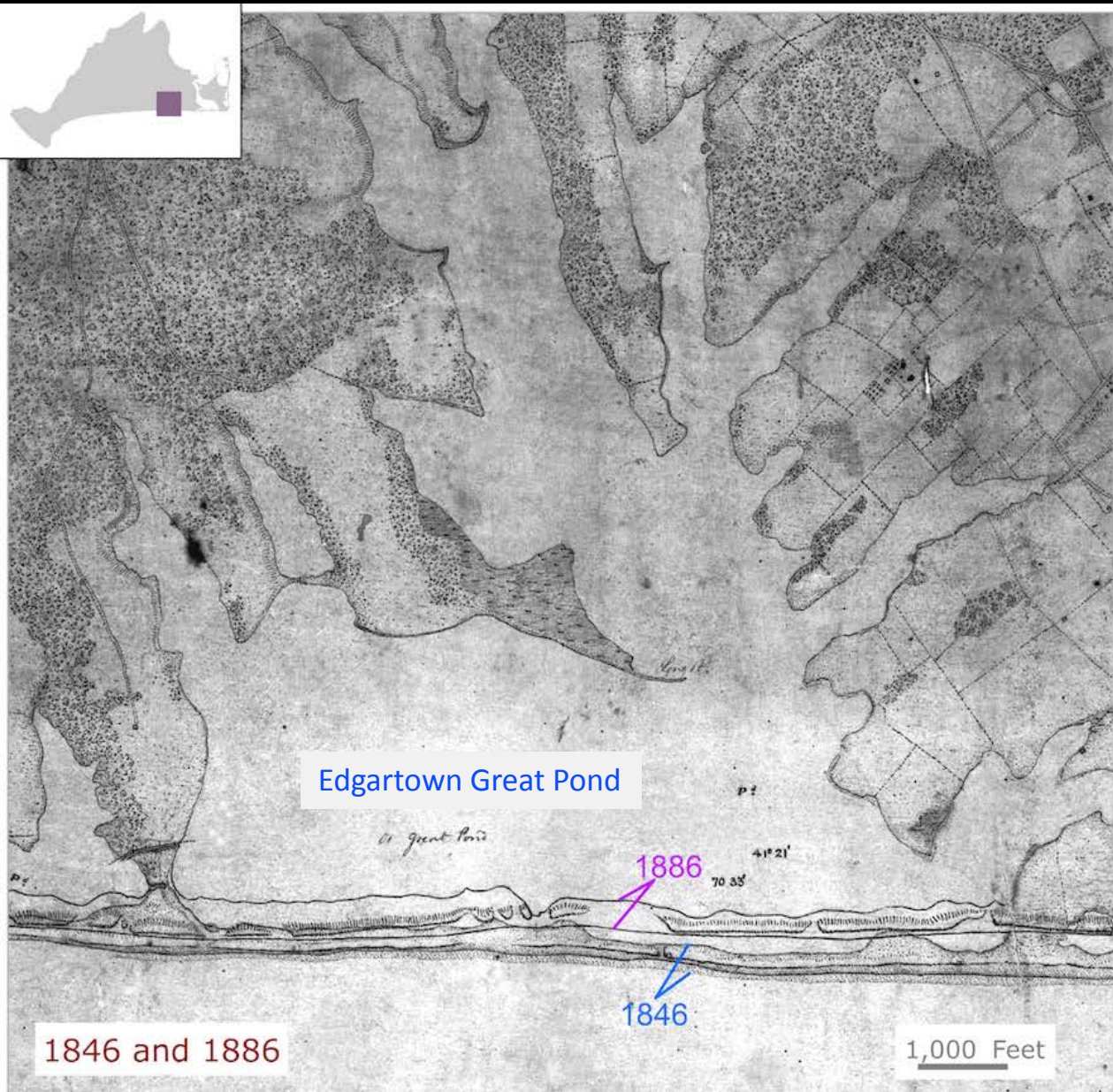


“Henry Whiting could make a better map of the far side of a hill without seeing it than others could while standing before it.”

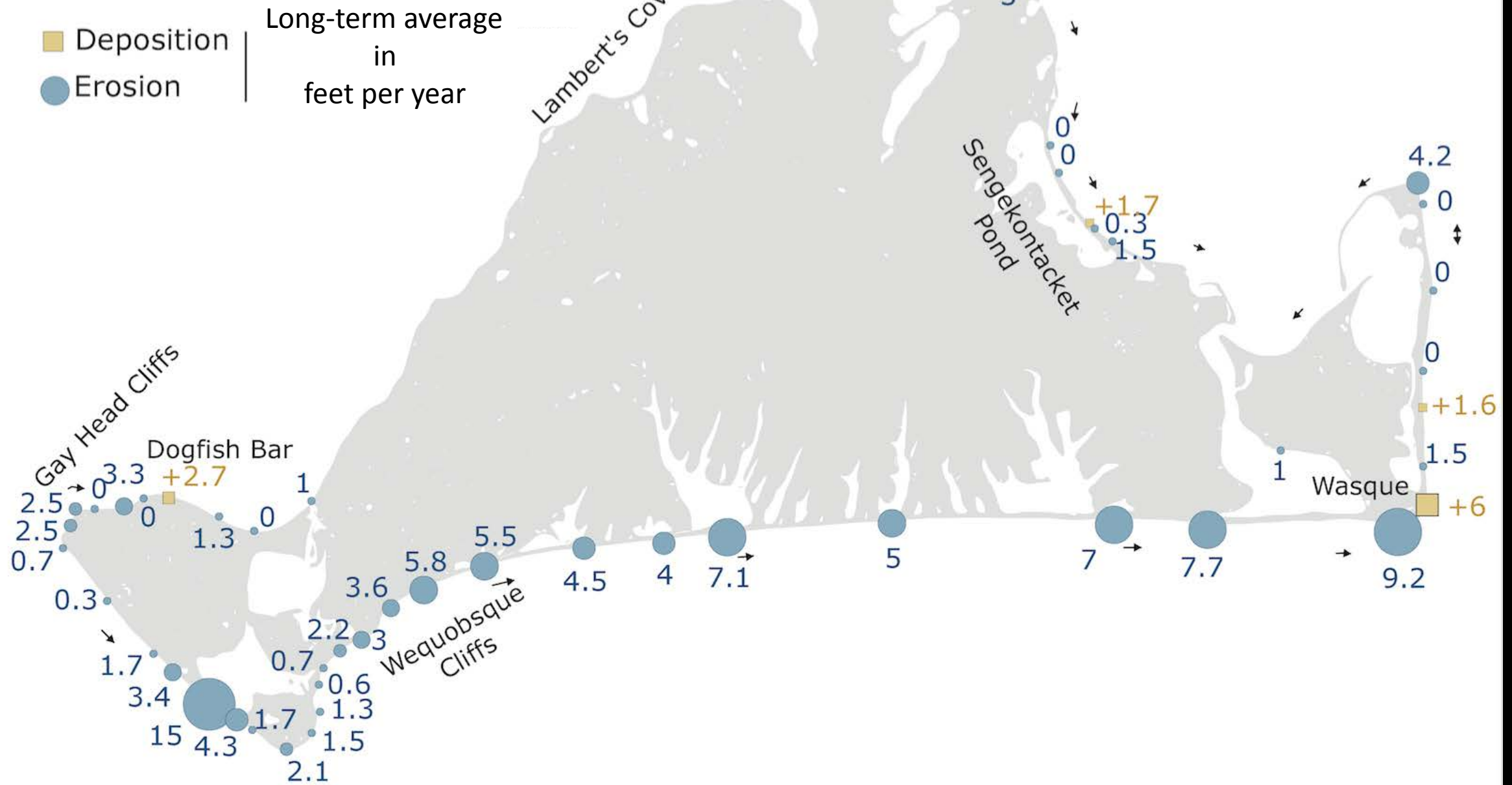
*– Science Magazine
1897*



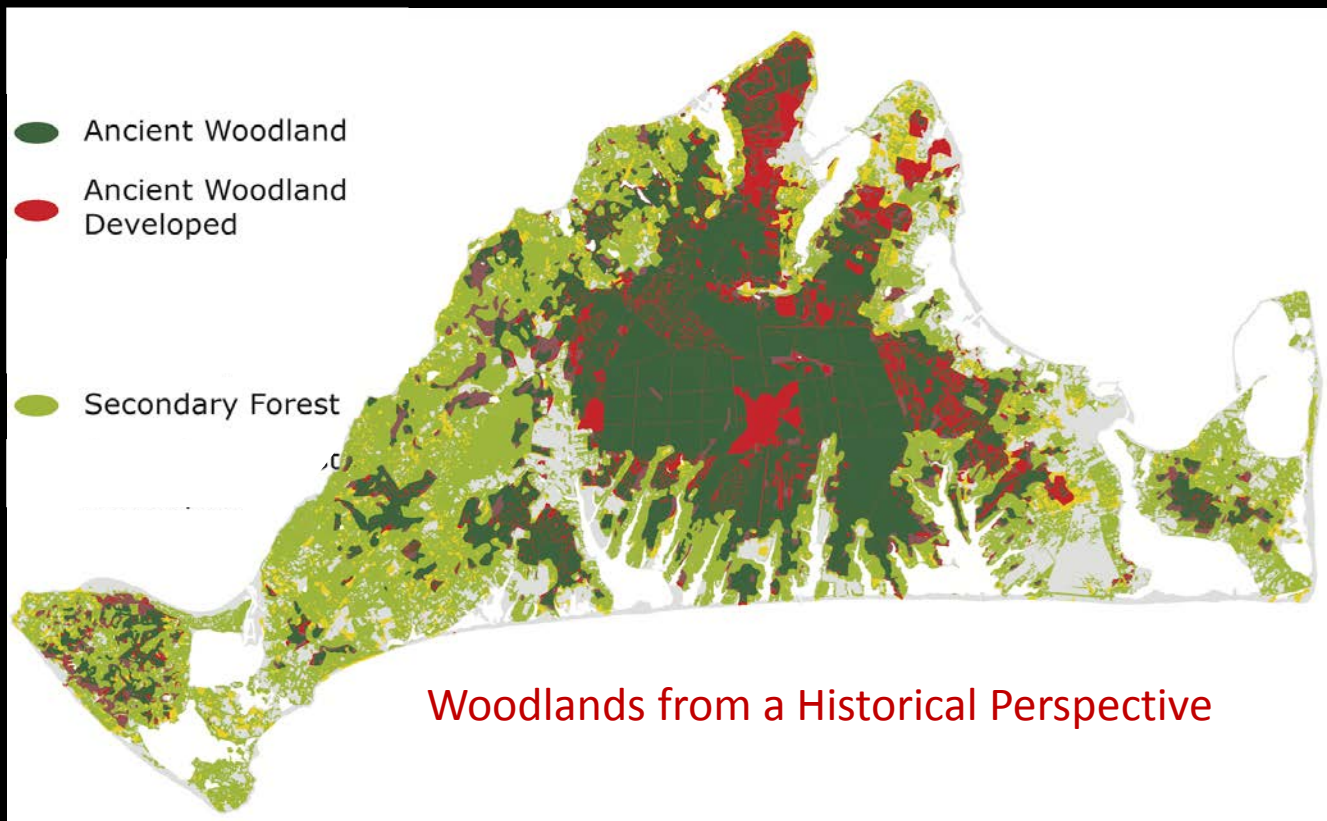
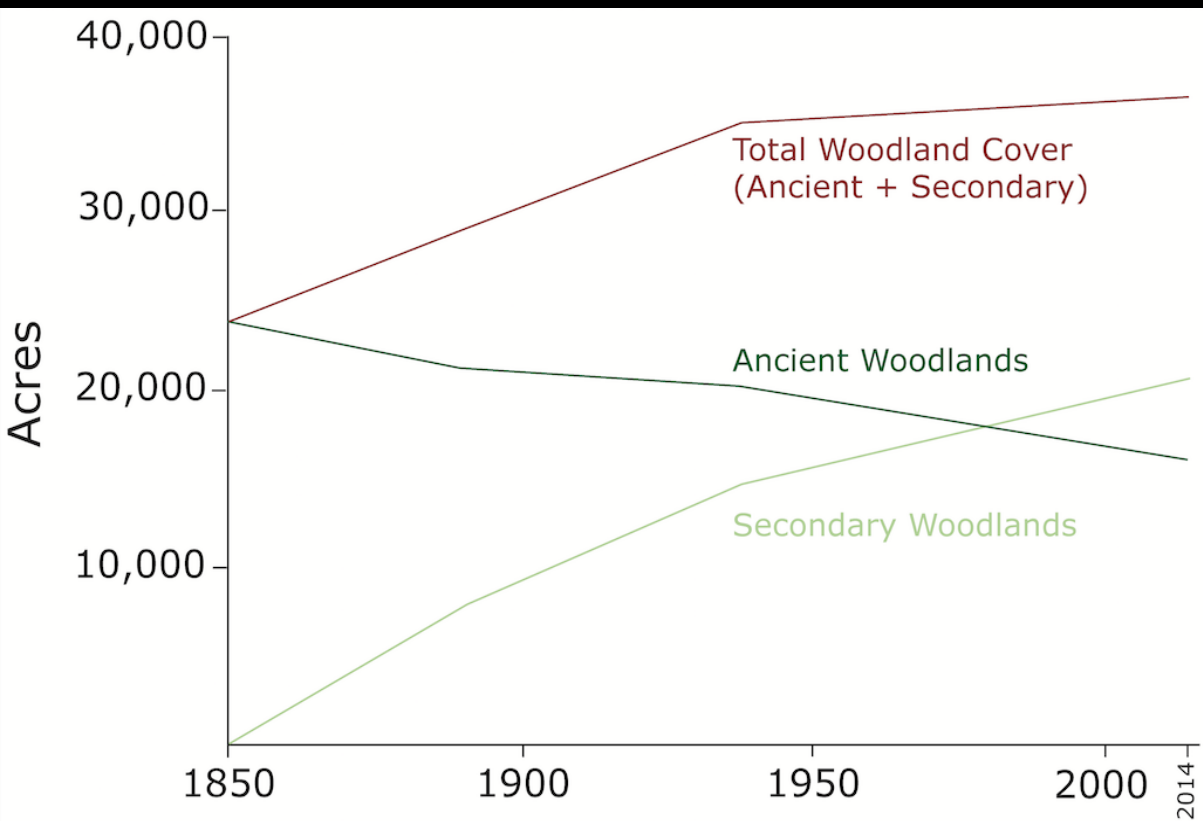




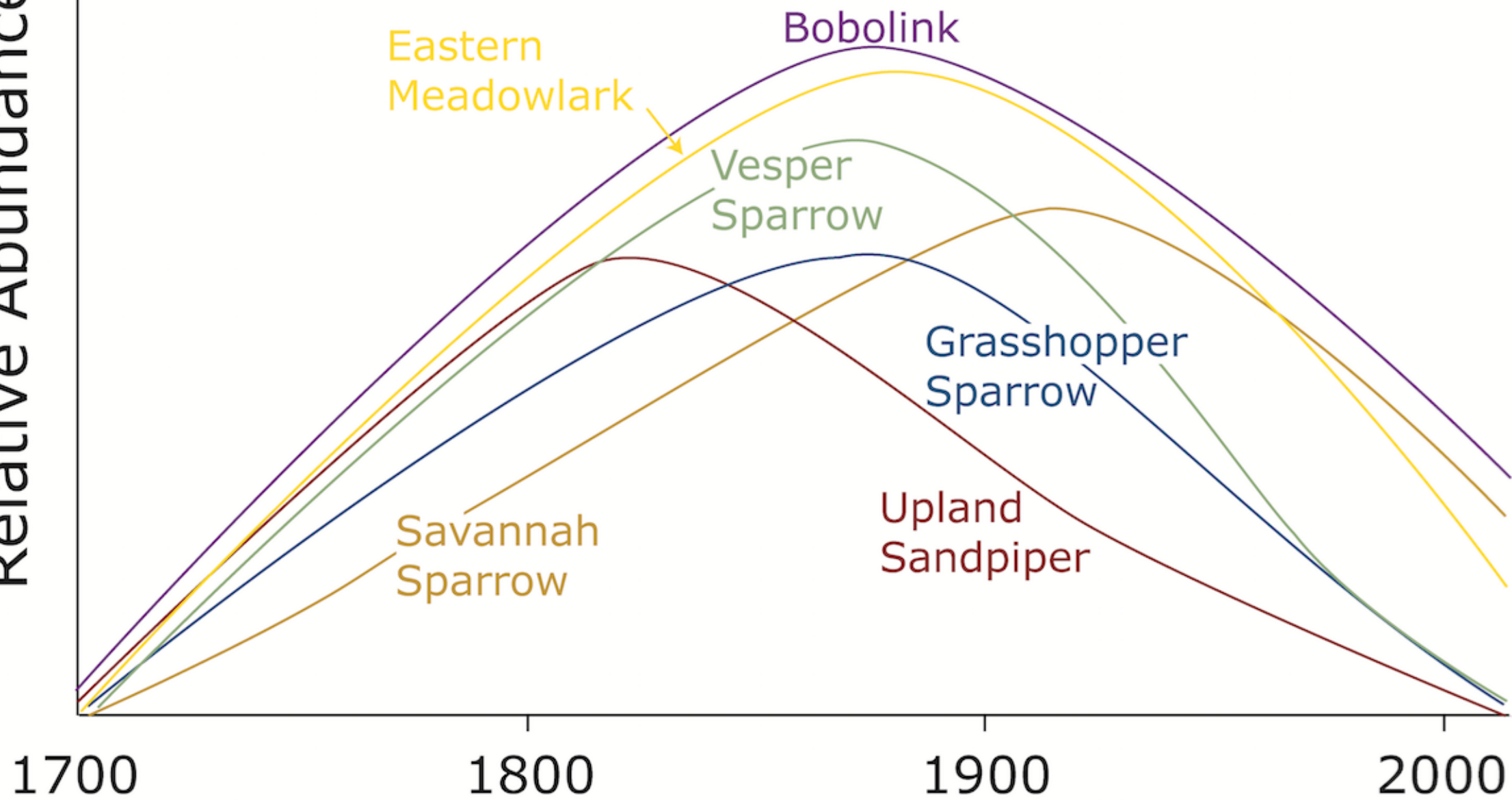
Erosion Rate 1850-Present







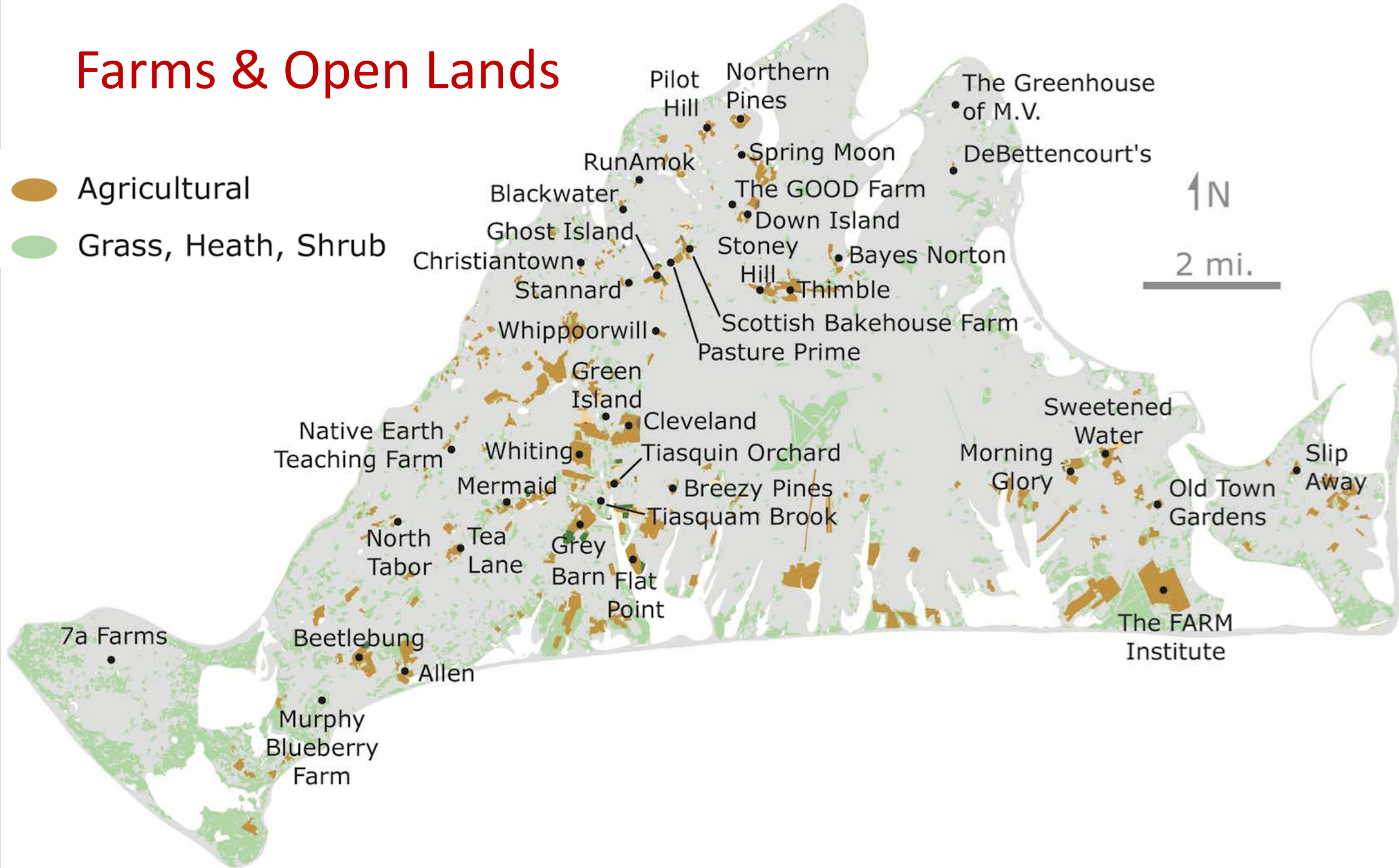


Relative Abundance



Farms & Open Lands

-  Agricultural
-  Grass, Heath, Shrub



A New Opportunity for Agriculture in Conservation

Farm Land -- Managed by Farmers



Conservation Land -- Managed by Conservationists





Martha's Vineyard Land Bank. From Mowing Machines to Renters and now Owners.... of Goats



Beetlebung Farm



The Farm Institute



Vineyard Food Self-Sufficiency

Farms produce 4-7% of the food demand of the year-round population...

It could be 47% with...all existing farms and fields and 20% undeveloped prime ag soils...



Agricultural Self Sufficiency on Martha's Vineyard

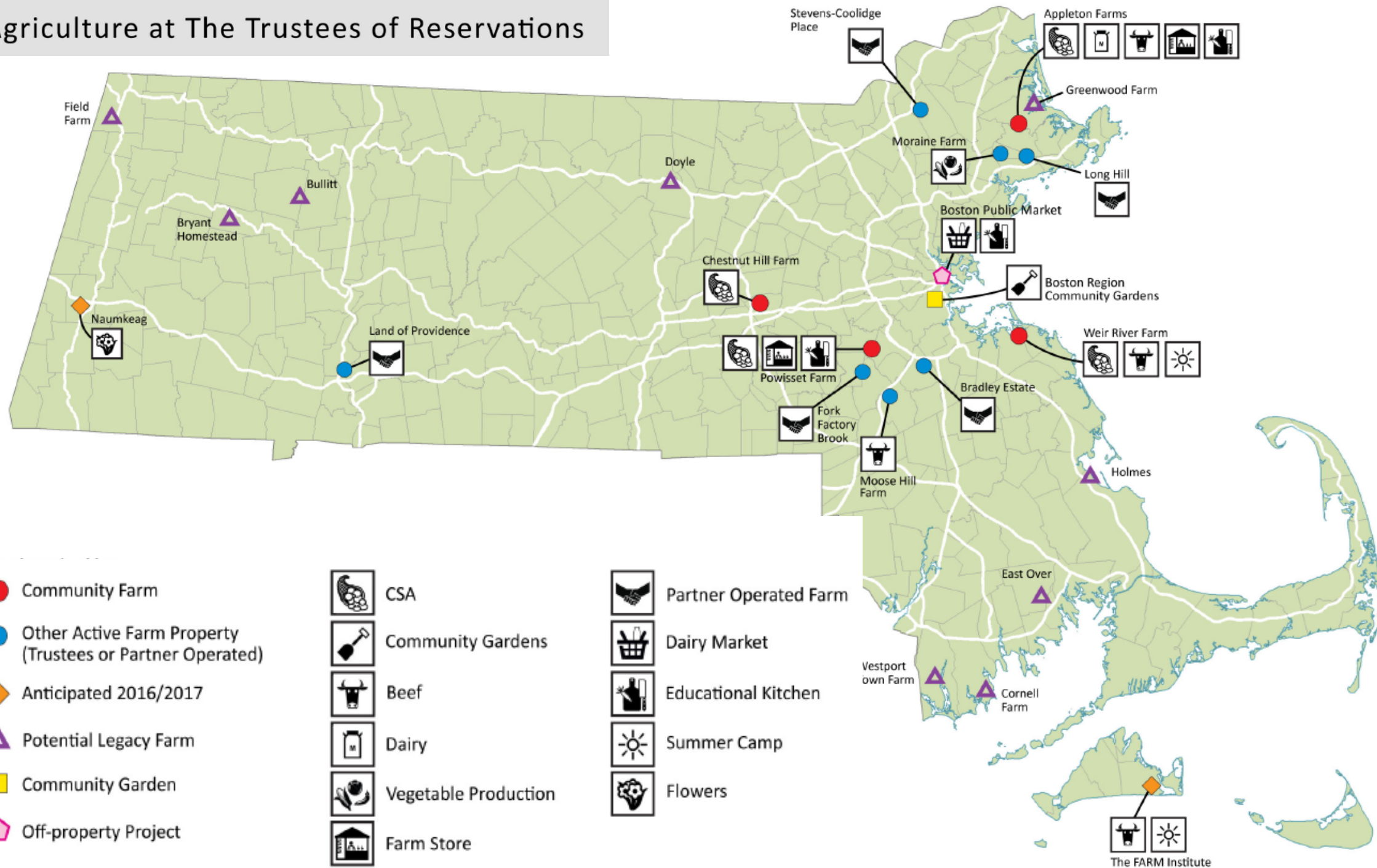
2010

Jo-Ann Taylor, MVC,
Mark London, MVC

Land Base for Agriculture

Existing Farm Land	1687 acres
Open Fields (not farmed)	693 acres

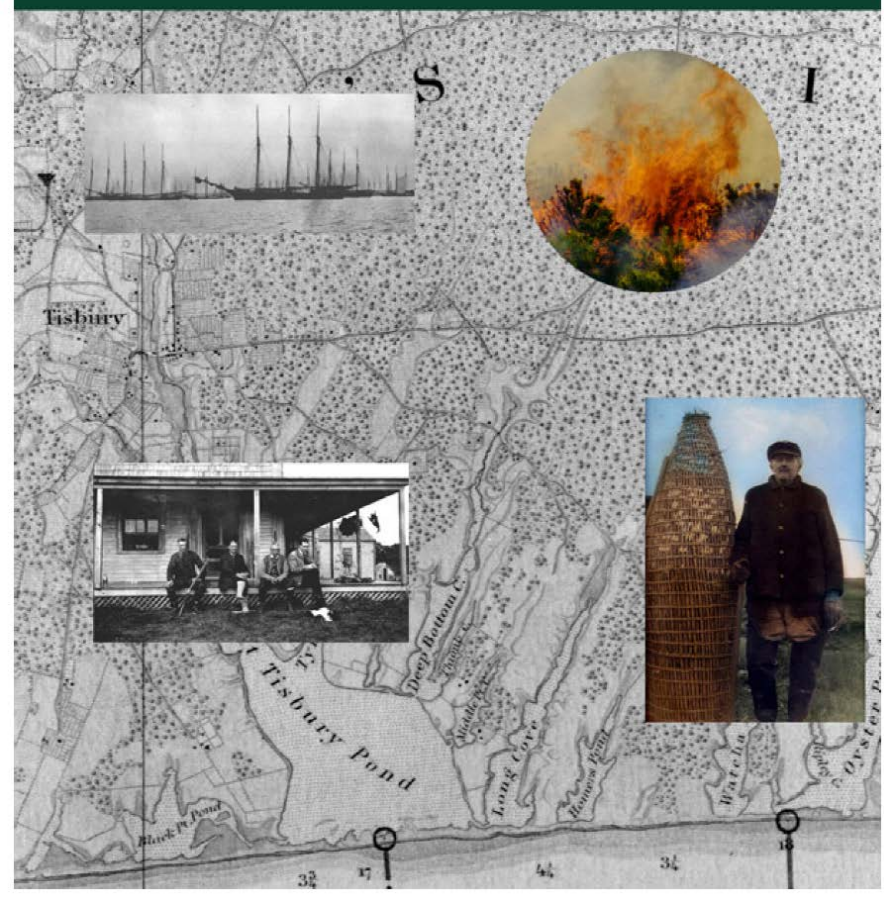
Agriculture at The Trustees of Reservations





The Farm
Institute

Land-Use History of Long Point



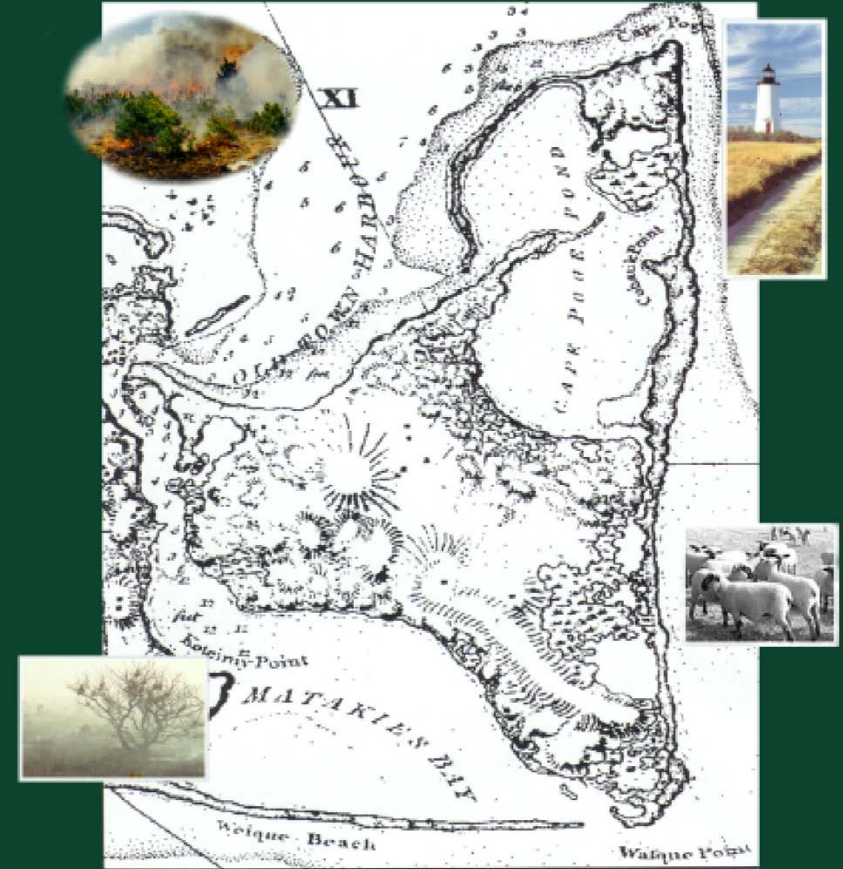
Sand Barrens Habitat Management

A Toolbox For Managers



Land-use History & Restoration Ecology of Rare Sandplain Habitats

Land-Use History of Cape Poge & Wasque







trustees





1,000 ft.

CHAPPAQUIDDICK
BY THE SEA
owned by
STATE STREET TRUST COMPANY, TRUSTEE
for Charles H. Ide et al
EDGARTOWN, MARTHAS VINEYARD
MASSACHUSETTS

H.A. Millhouse Civil Engineer
Boston, Mass. March, 1913



PAUCHA

POND

Shoreline
(5/2015)

ATLANTIC OCEAN

TATAMA

BAY

ATLANTIC

OCEAN

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SIO, NOAA, U.S. Navy, NGA, GEBCO

