



Harvard Forest

Est. 1907

Harvard University's 4000-acre Laboratory and Classroom



HISTORICAL INFLUENCES ON THE LANDSCAPE OF MARTHA'S VINEYARD

PERSPECTIVES ON THE MANAGEMENT
OF THE
MANUEL F. CORRELLUS STATE FOREST



DAVID R. FOSTER GLENN MOTZKIN

A Meeting of Land and Sea

Nature and the Future of MARTHA'S VINEYARD

DAVID R. FOSTER



1999 2017

Harvard Forest Freshman Seminar *Reading and Conserving New England*

Nathaniel Shaler

-- Quansoo Farm --

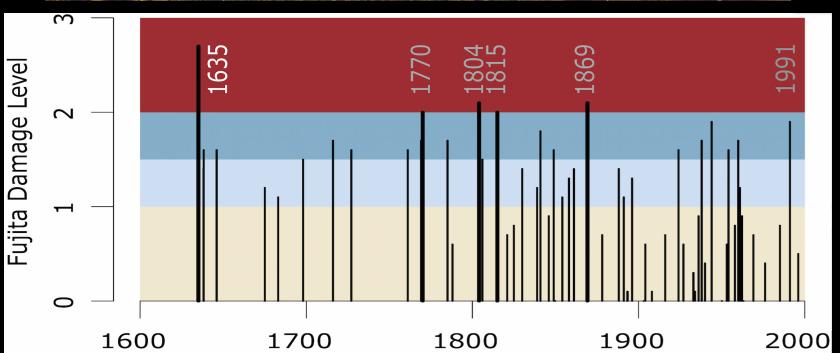
-- Seven Gates Farm --



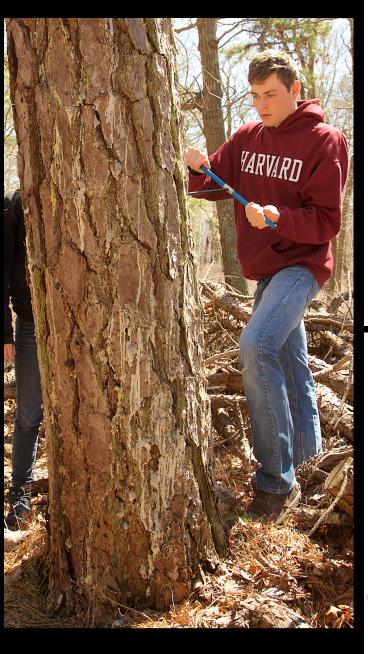


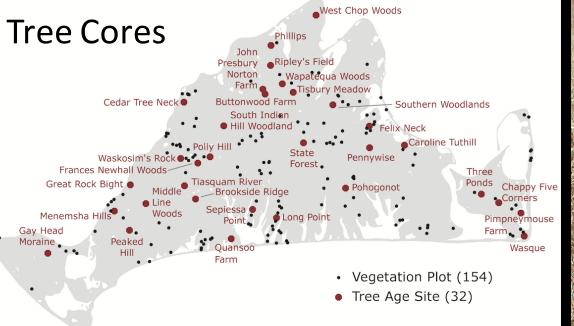
The more you know about the past, the better prepared you are for the future ---- Theodore Roosevelt

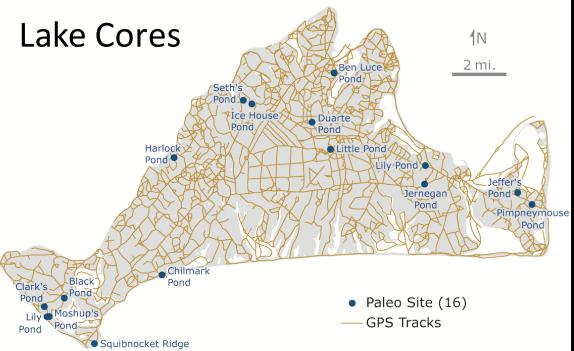






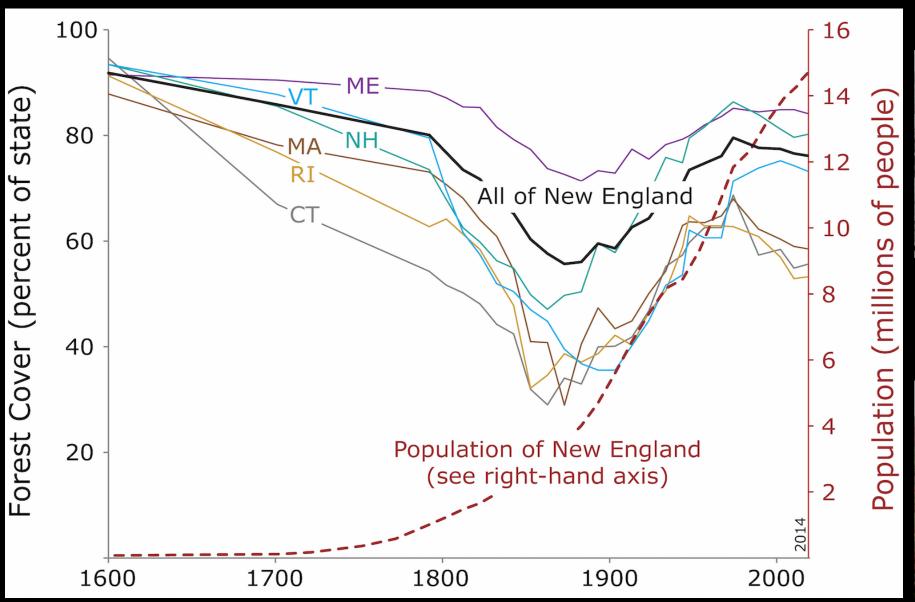








Forest Cover and Population Trends in New England

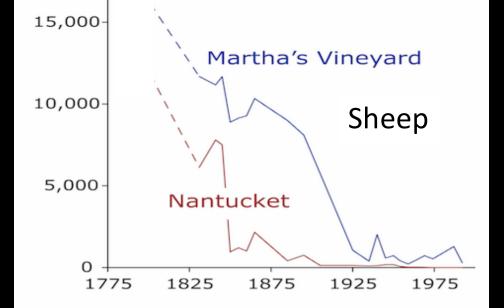


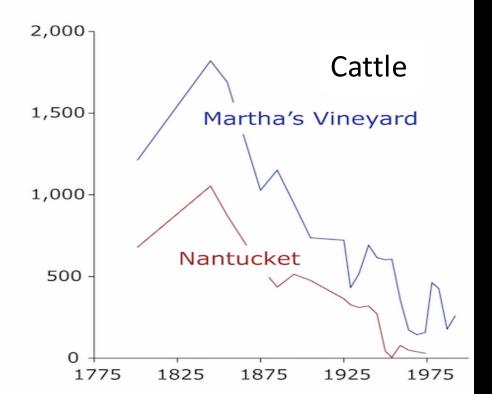
Farm dominated



Forest dominated

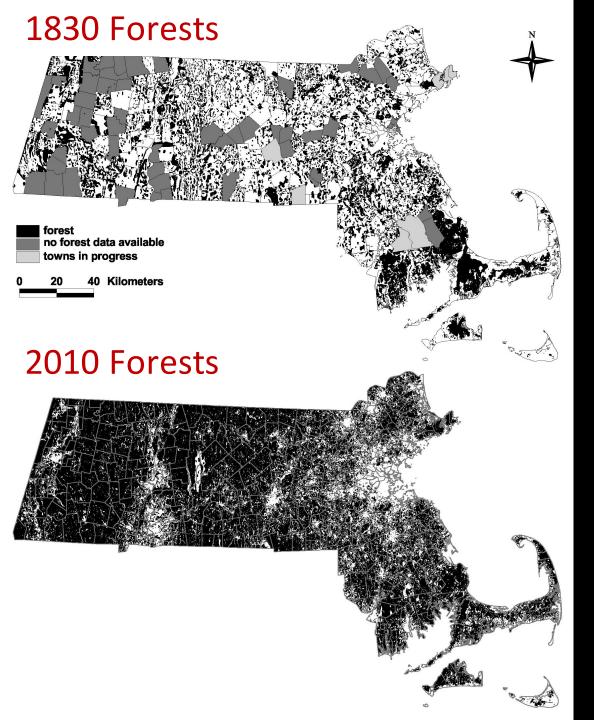










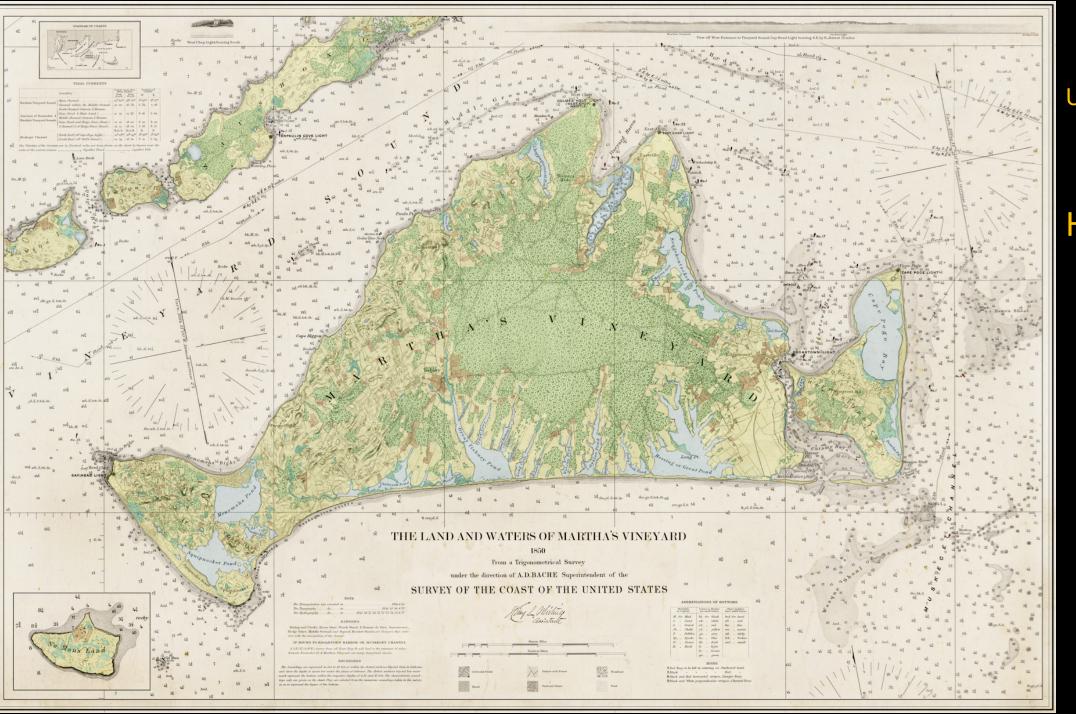


1830

State-wide

Mapping



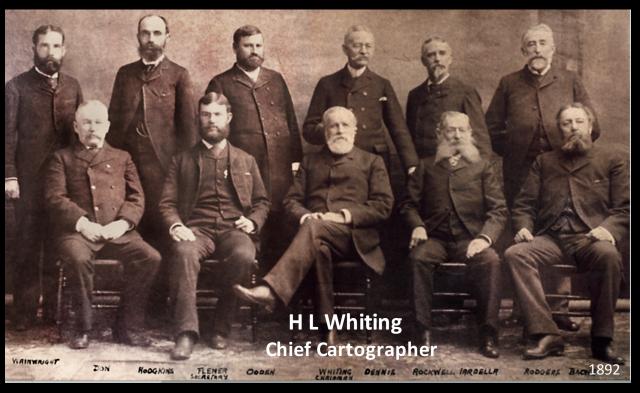


U.S Coastal Survey

H. L. Whiting

ca. 1850

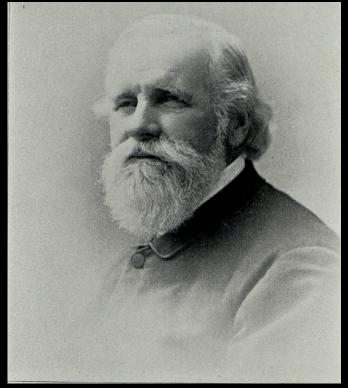
U.S. Coastal Survey



Navigation

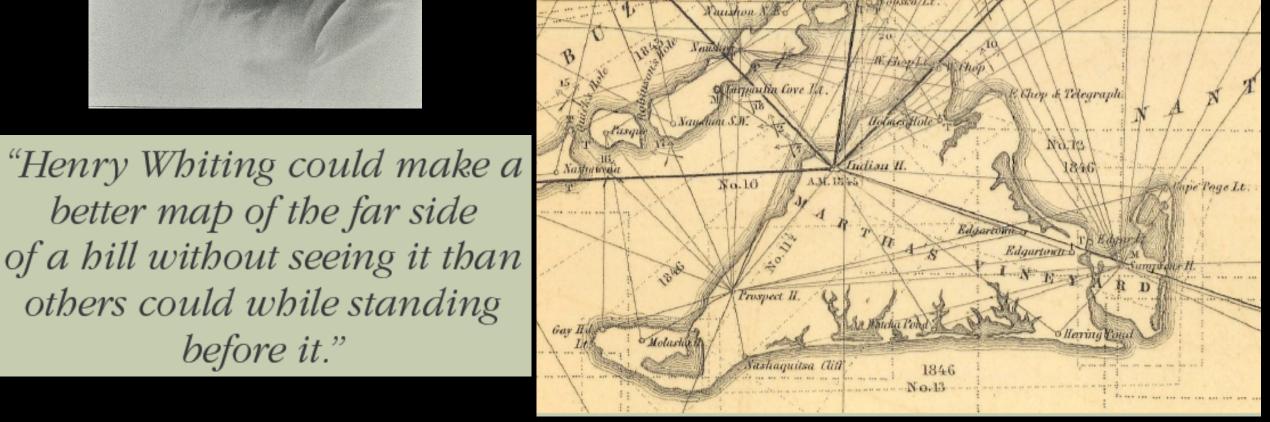
Defense

Infrastructure & Commerce



Henry L. Whiting 1821-1897 Chief U.S. Cartographer

And, because of that, a West Tisbury Farmer



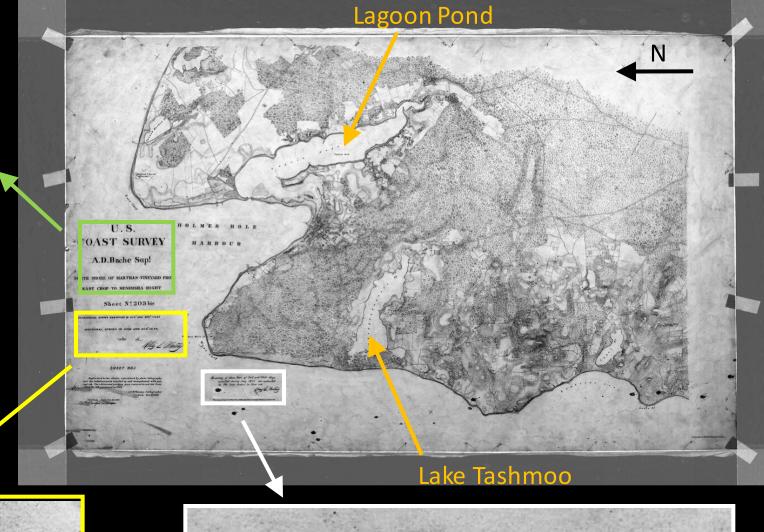
U.S. COAST SURVEY

A.D.Bache Sup!

NORTH SHORE OF MARTHAS-VINEYARD FROM

EAST CHOP TO MENEMSHA BIGHT

NOAA Archives



TOPOGRAPHICAL SURVEY EXECUTED IN OCT AND NOV 1845

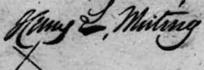
ADDITIONAL SURVEY IN JUNE AND AUG'18 46

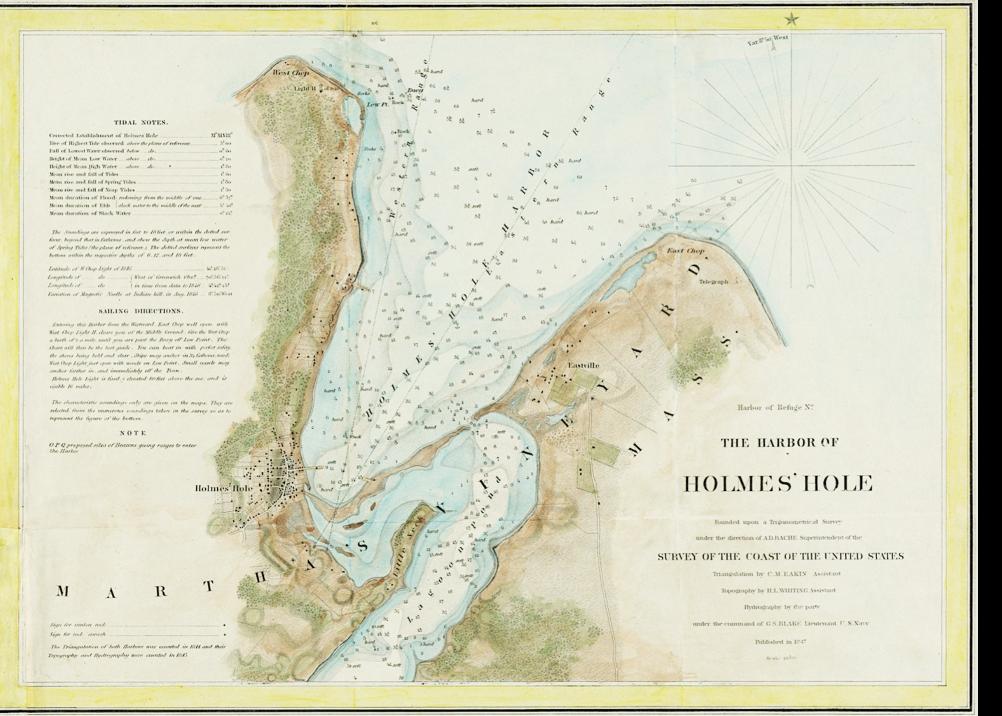
10,000

Ally 2 Mility

Resurvey of shore lines of East and West Chops

Executed during July 1871 are indicated
by the lines drawn in blue ink



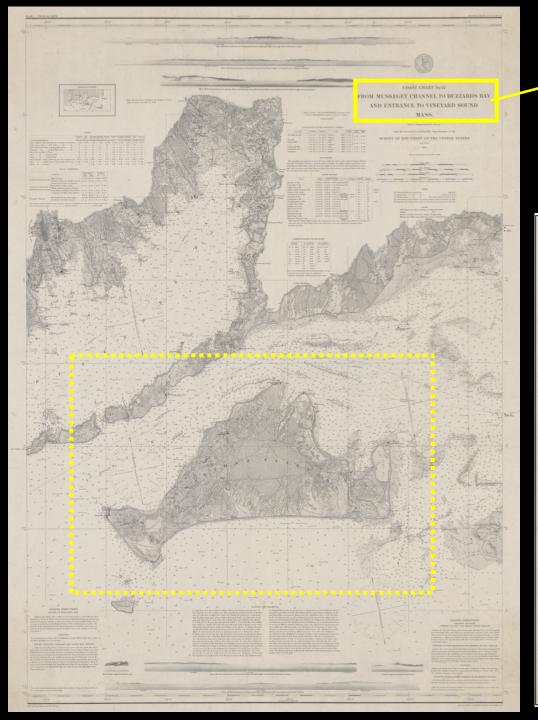


Holmes Hole

1847

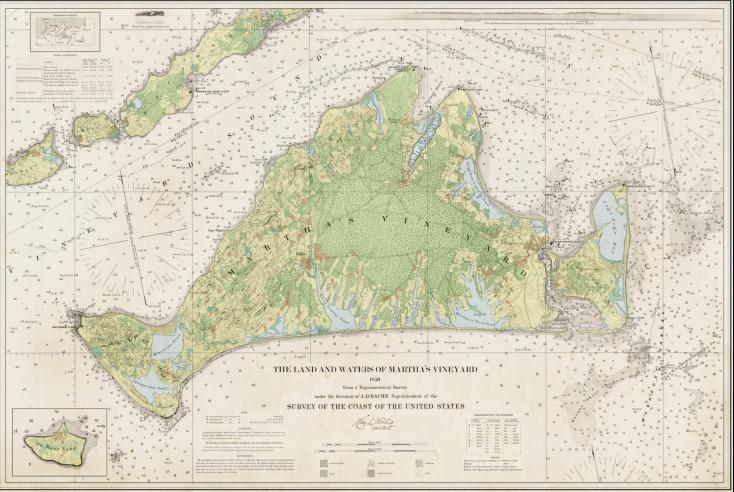
"Topography by

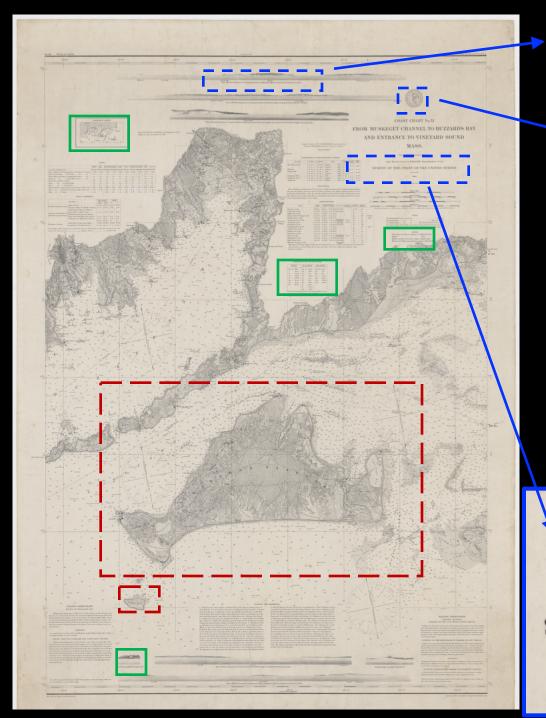
H. L. Whiting"



COAST CHART No.12

FROM MUSKEGET CHANNEL TO BUZZARD'S BAY AND ENTRANCE TO VINEYARD SOUND MASS.





Cuttyhunk Light

Telegraph

View off West Entrance to Vineyard Sound, Cuttyhunk Light bearing N.E. 2 N., distant 5 miles



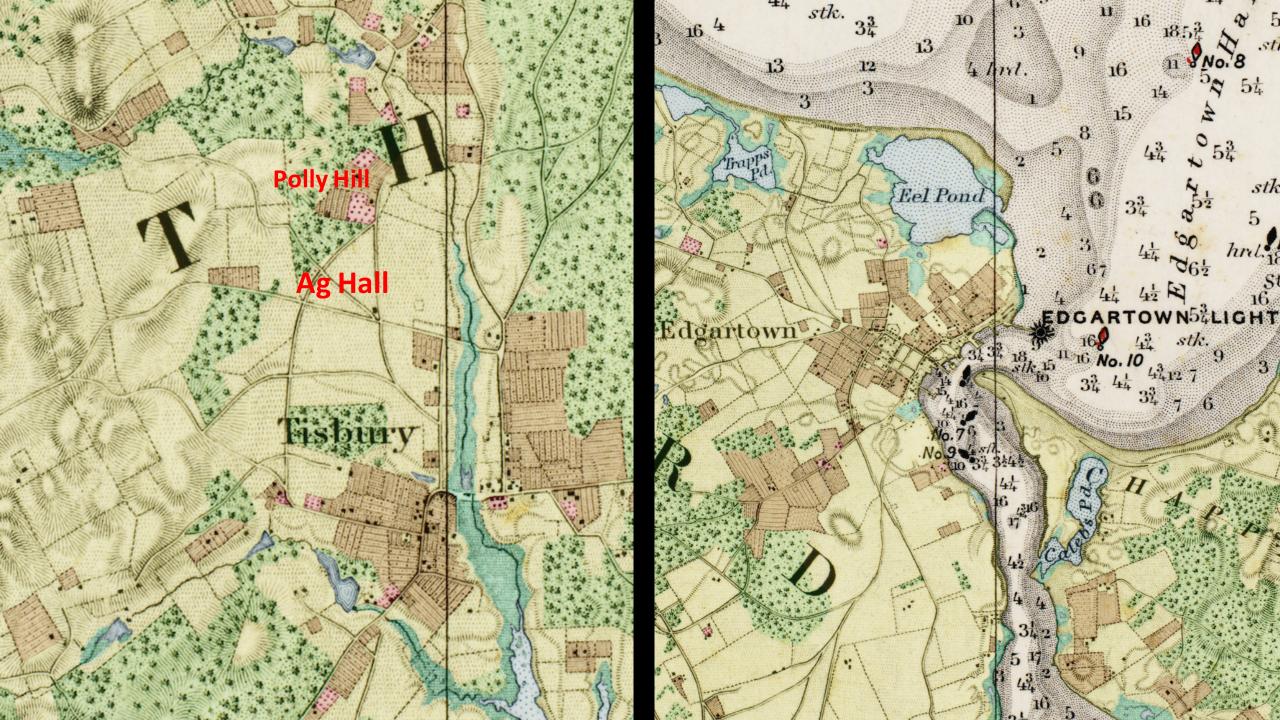
May L. Miling

From a Trigonometrical Survey

under the direction of A.D.BACHE Superintendent of the

SURVEY OF THE COAST OF THE UNITED STATES

Scale 80,000



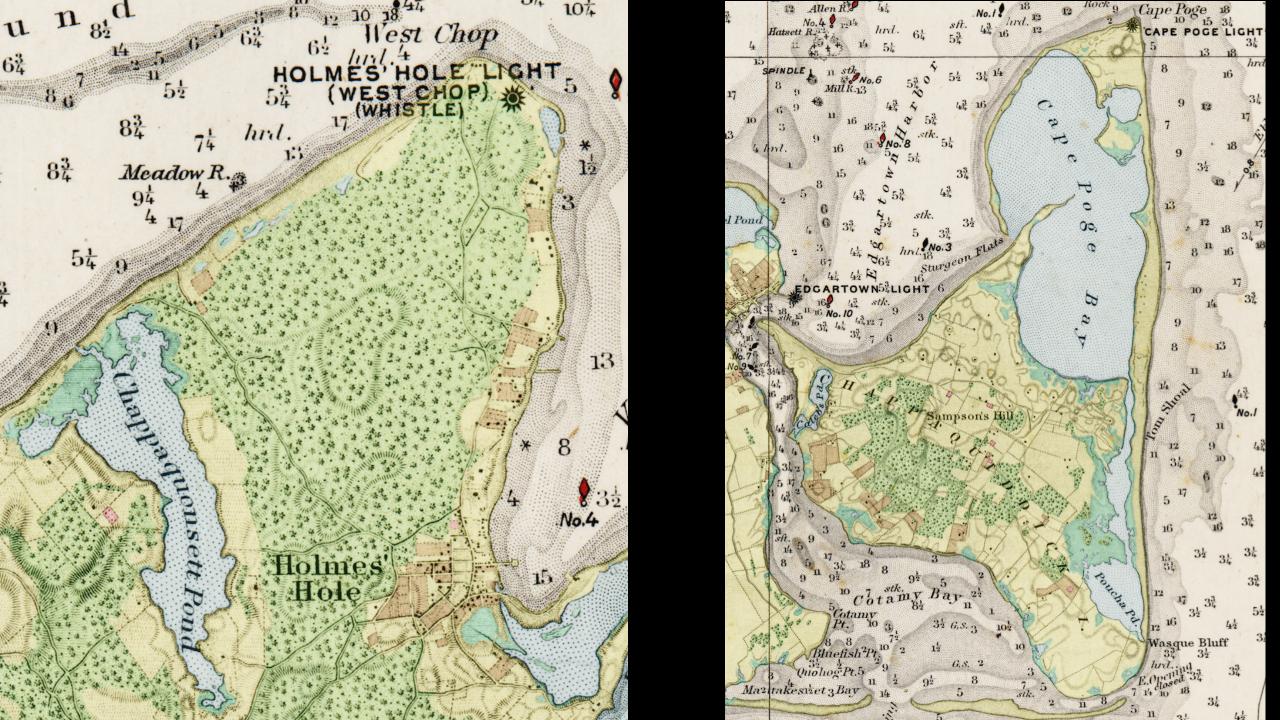
"We learn that a ...map of the island, will soon be published"

Vineyard Gazette
January 28, 1848

Were our people aware of the manner in which these charts are engraved and published, there is not a family in town but would procure one as soon as possible.

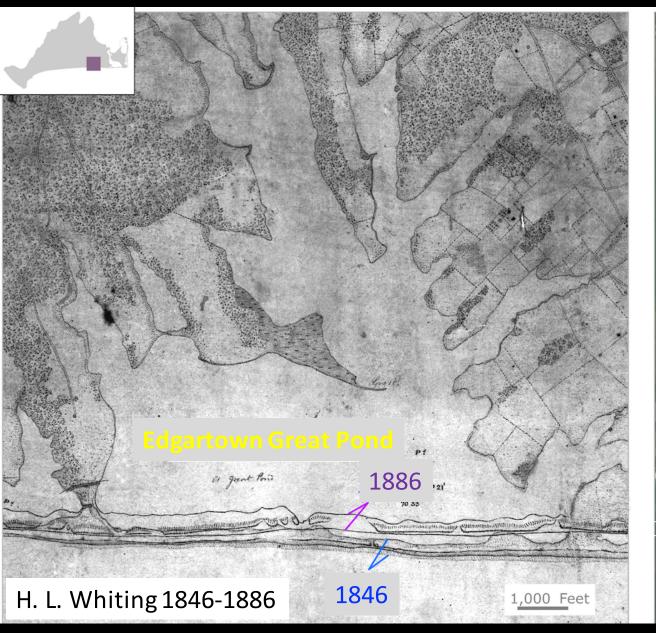
What surprizes us most is, that the roads running to and on the island, are laid down so correctly... A correct description of every pond, with its outlet, or path leading thereto...besides a scale of miles, by which anyone can ascertain the exact distance (within a foot or less) from one point to another.

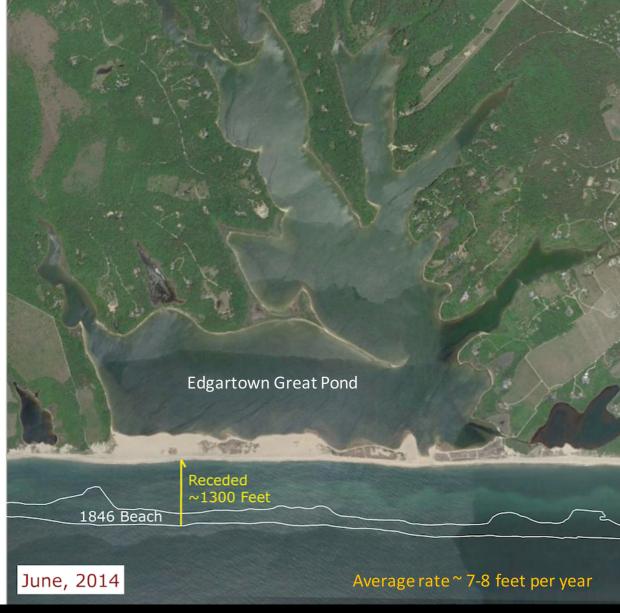
But this is not all. To the mariner, passing in and out of our harbor... this chart contains information of incalculable importance. The outlines of the coast, the position of the light houses, buoys and rocks, with shoals and soundings, are... perfect, or as near perfection, as science, at the present day will admit. It is, in fact, beyond improvement . . .

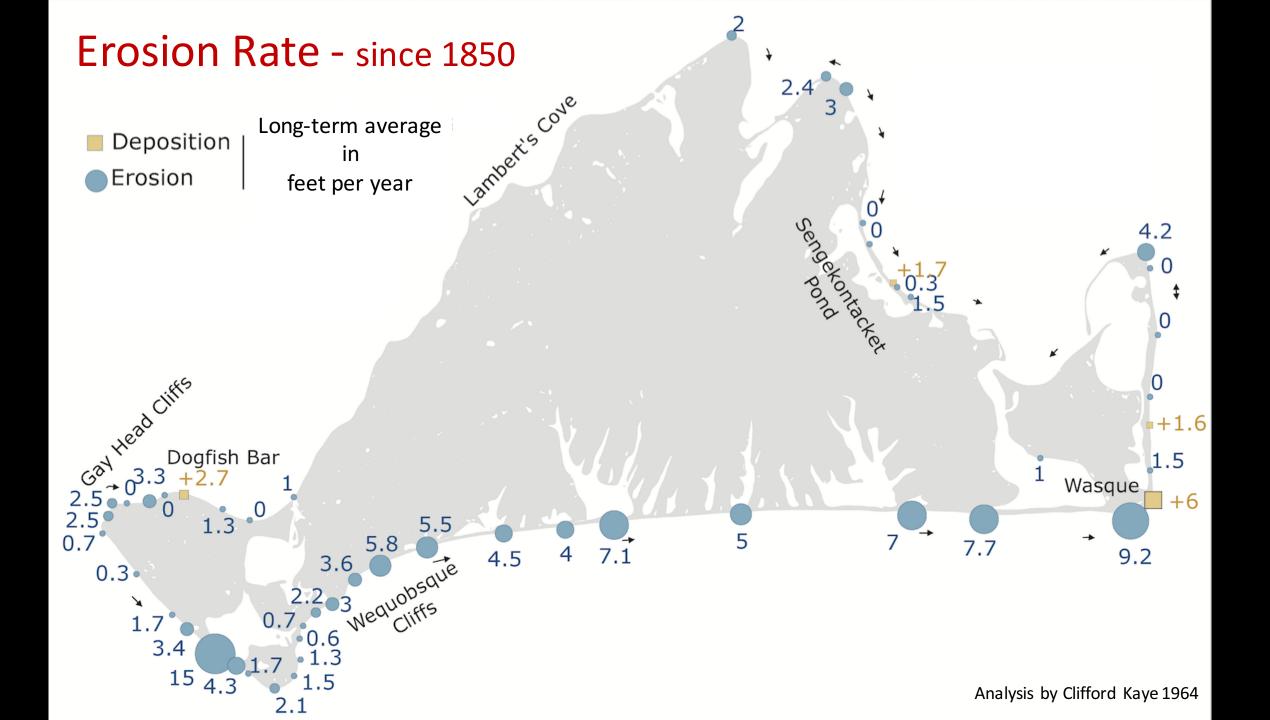








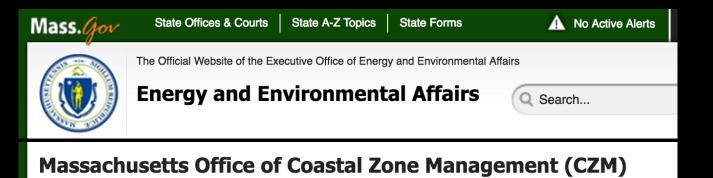






Prepared in cooperation with the Massachusetts Office of Coastal Zone Management

Massachusetts Shoreline Change Mapping and Analysis Project, 2013 Update



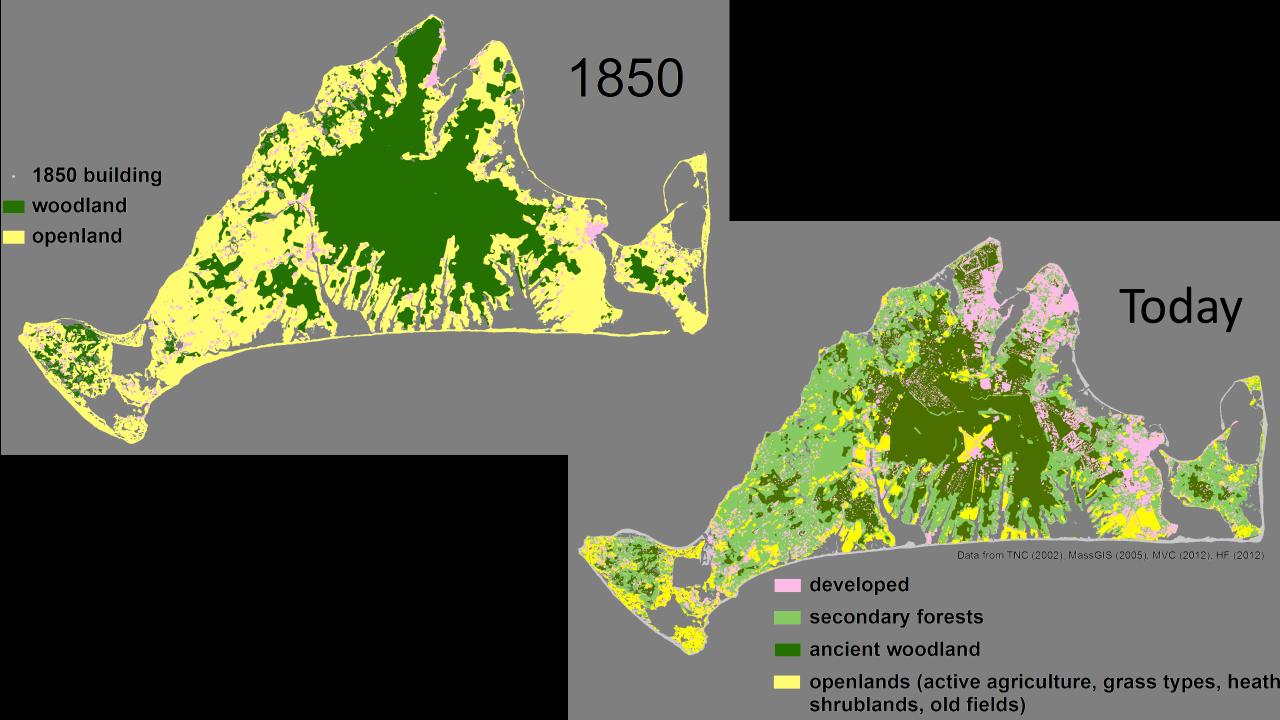


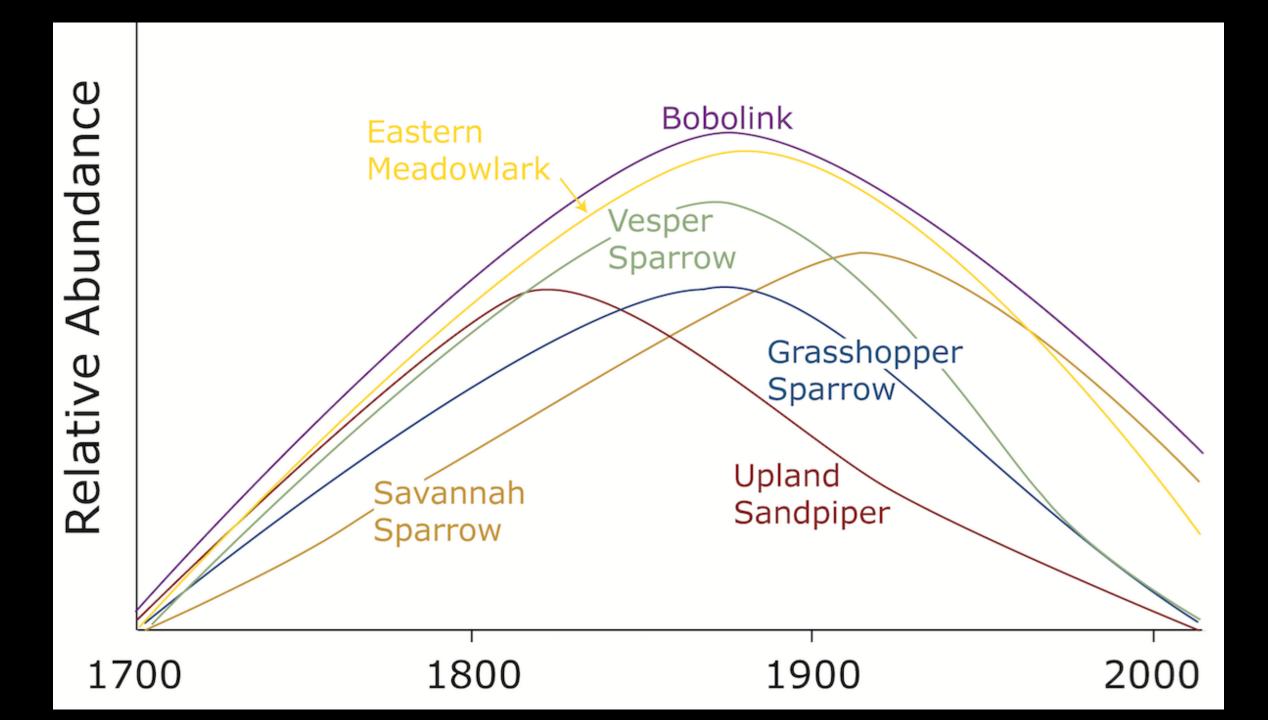




Whiting, H. L. 1886.

Report of Changes in the Shore Line and Beaches of Martha's Vineyard as Derived from Comparisons of Recent with Former Surveys



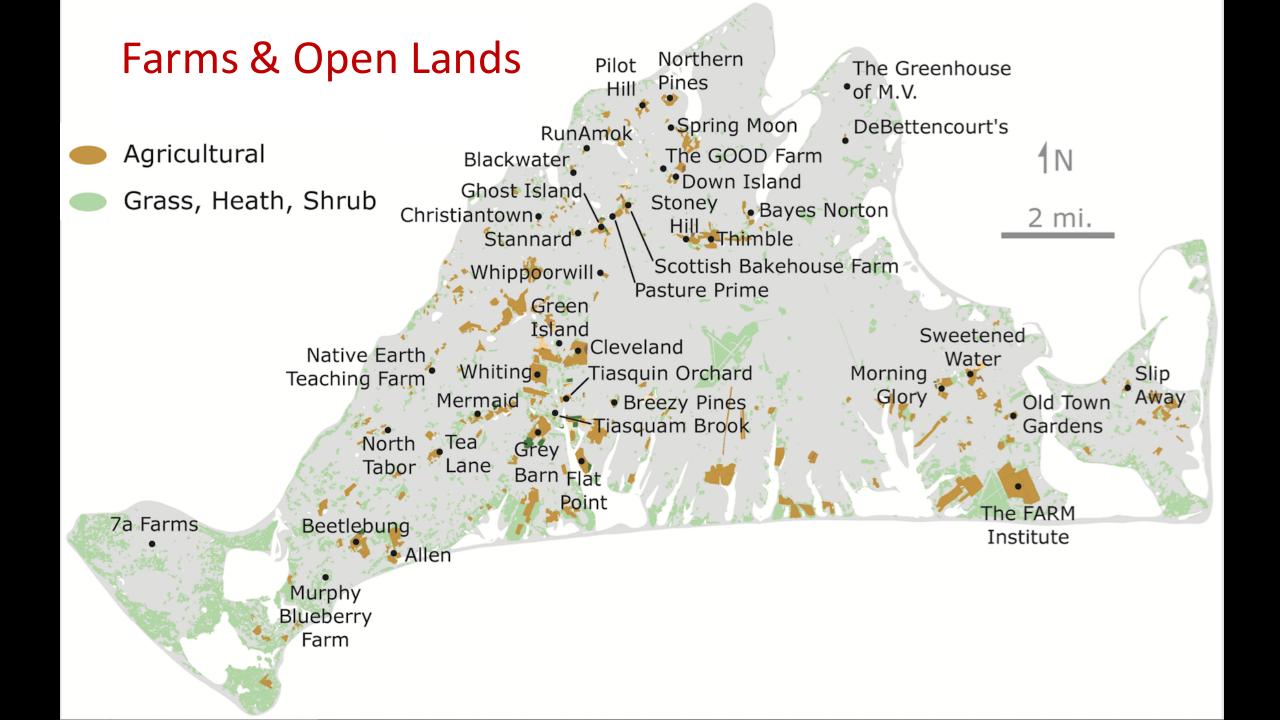


A New Opportunity for Agriculture in Conservation

Farm Land -- Managed by Farmers

Conservation Land -- Managed by Conservationists

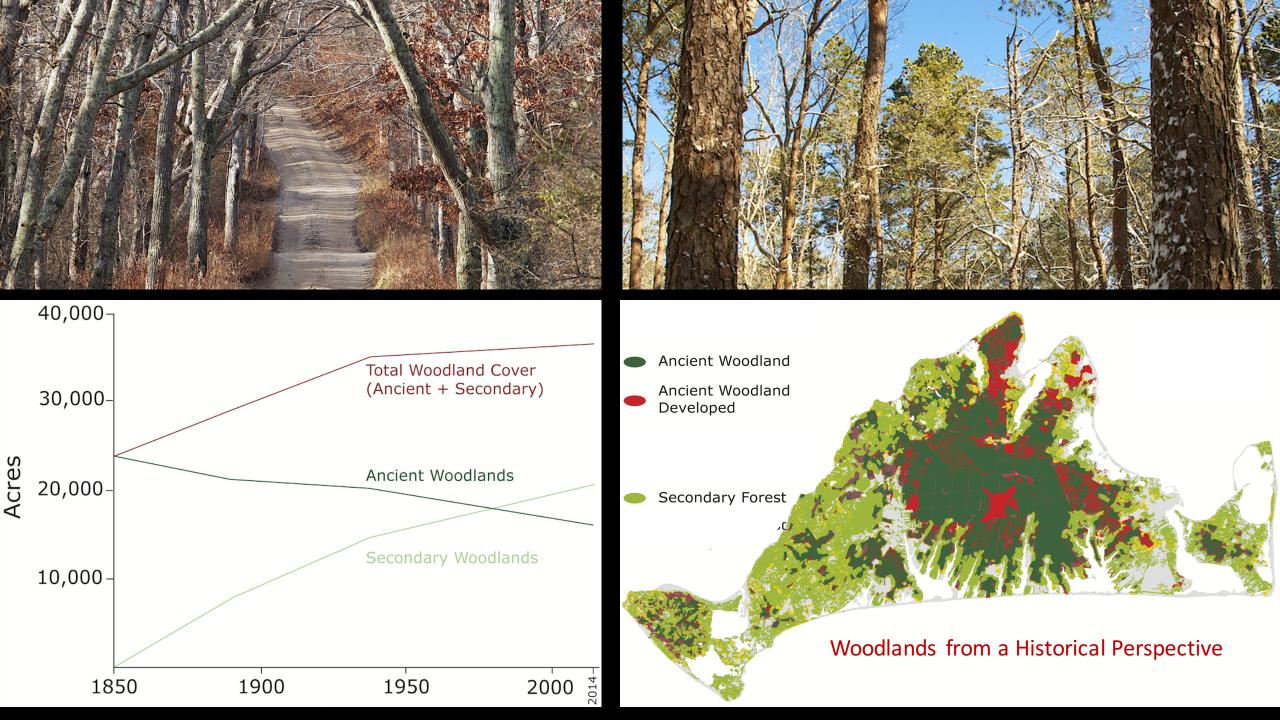






Martha's Vineyard Land Bank. From Mowing Machines to Renters and now Owners.... of Goats





Were our people aware of the manner in which these charts are engraved and published, there is not a family in town but would procure one as soon as possible.

Vineyard Gazette, 1848





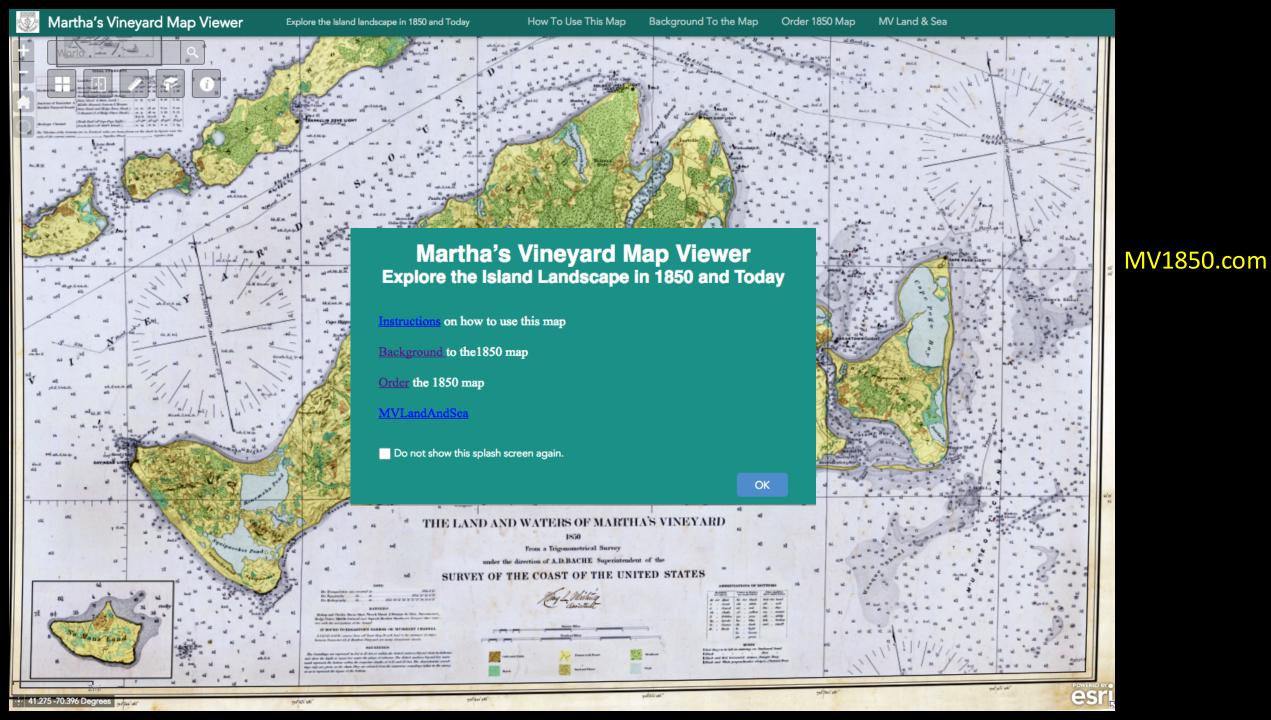
All proceeds support the development of a new Martha's Vineyard flora and research in plant conservation and forest ecology.

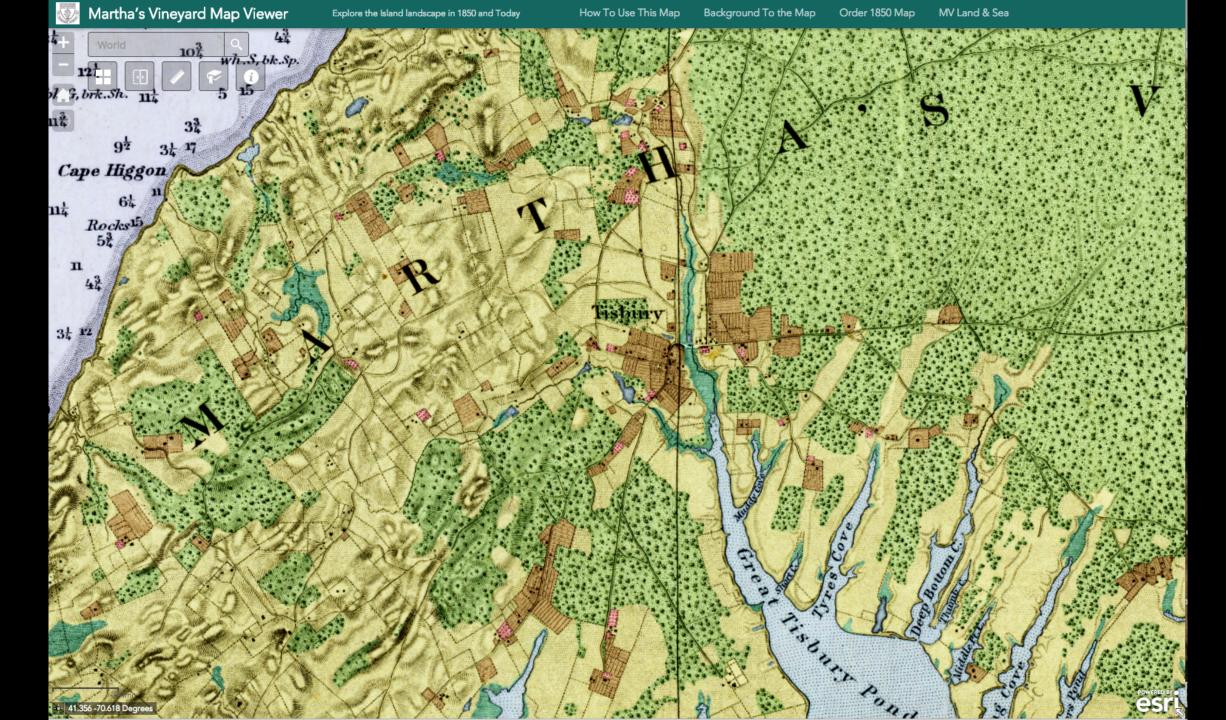
\$35 at Polly Hill Arboretum or by Phone

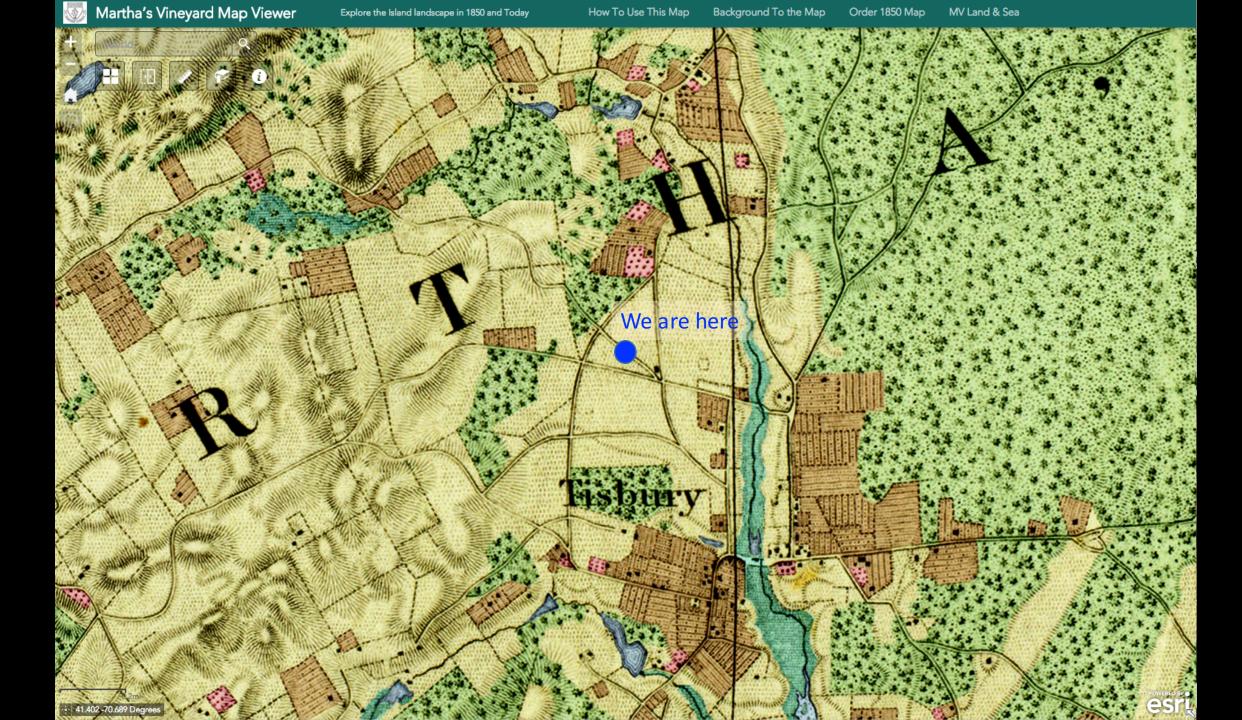
Bunch of Grapes

Granary Gallery

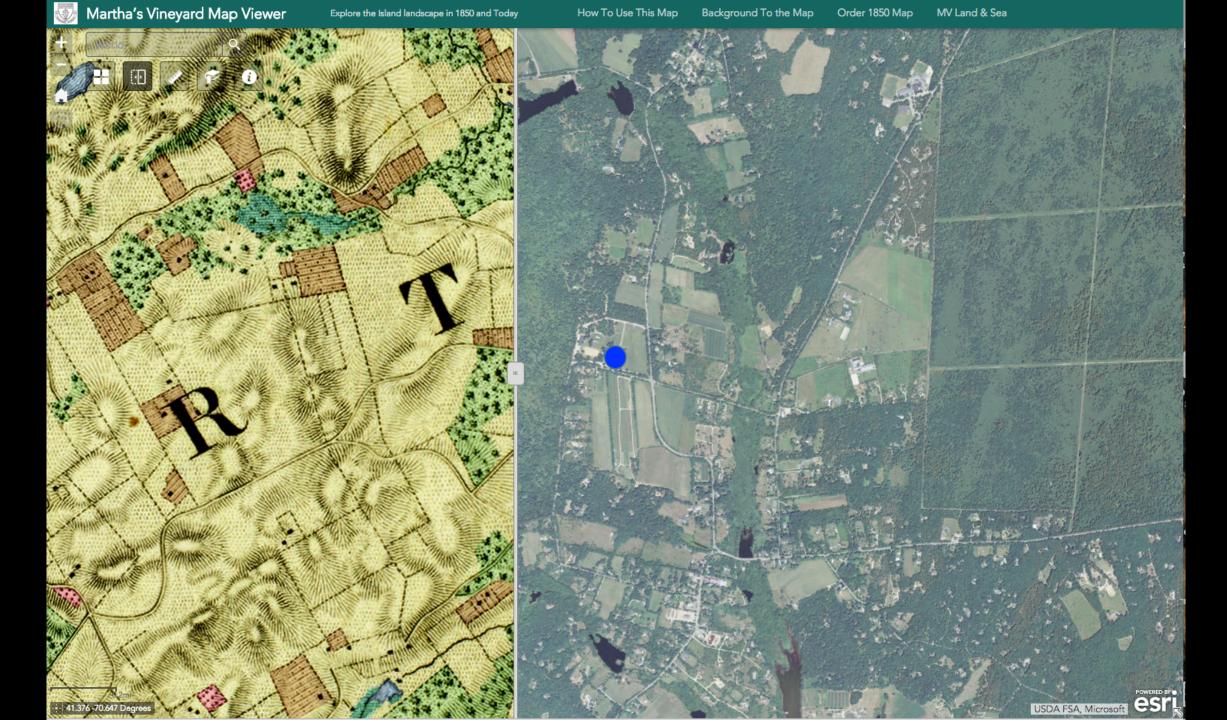
Martha's Vineyard Museum

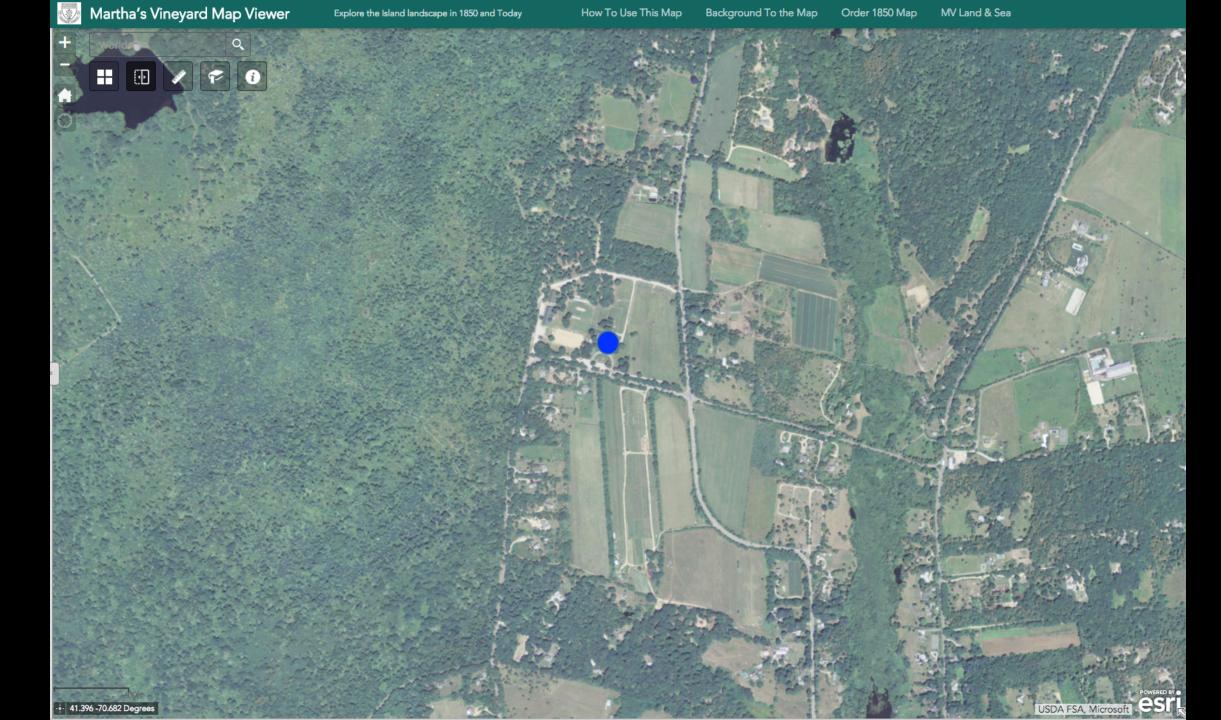


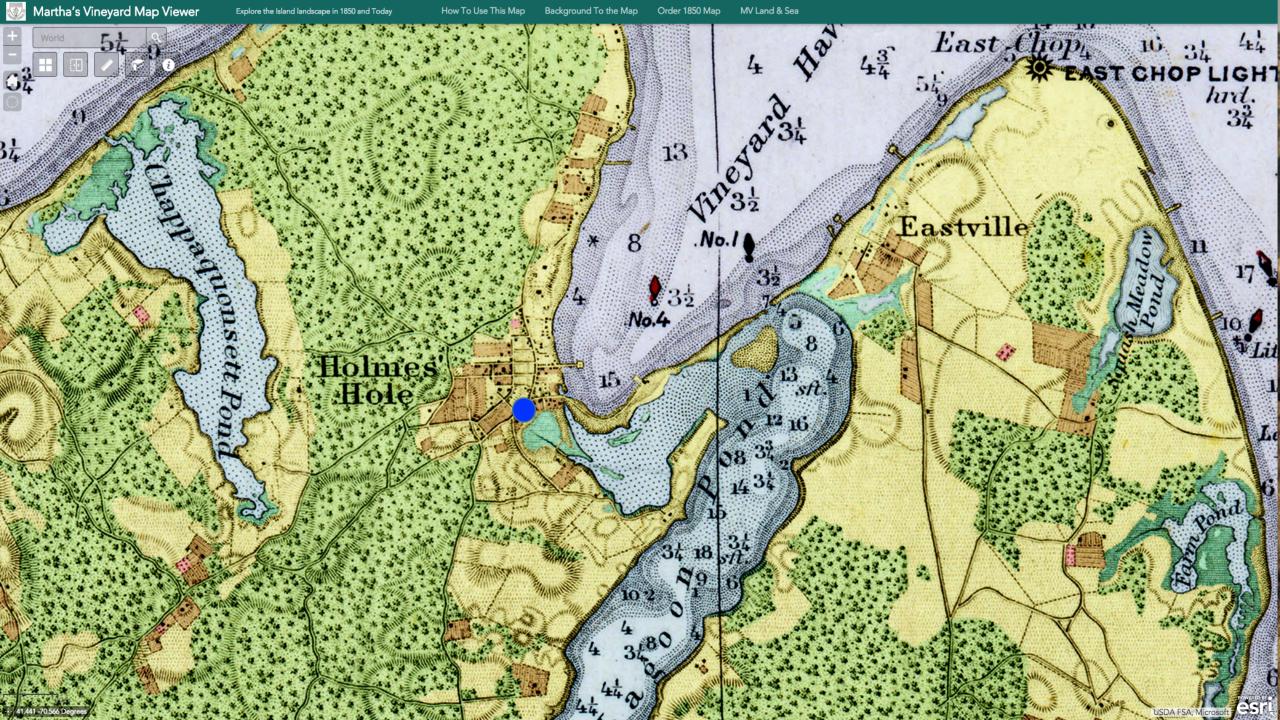












Author & Project Support







Martha's Vineyard







Explore the 1850 Map

Launch the Map Viewer

Thanks

Brian Hall & Jenny Hobson

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Tim Boland, Karin Stanley, & Tom Clark

Fritz Knight

Steve Spongberg & John Flender

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National Science Foundation

A.W. Mellon Foundation

Edey Foundation

George & Doris B. Daniels Wildlife Trust

Martha's Vineyard Museum

Vineyard Gazette

Leventhal Map Center – Boston Public Library

Polly Hill Arboretum

Yale University Press

