

The Plan

- Introduction to the course
- Requirements and evaluation
- Lecture: Introduction to Archaeology at Monticello
- Walking Seminar: the Home-Farm Landscape and Site 6
- Lunch at the Lab
- Lab: What do artifacts look like?

1

Historical archaeology?

2

Historical archaeology?

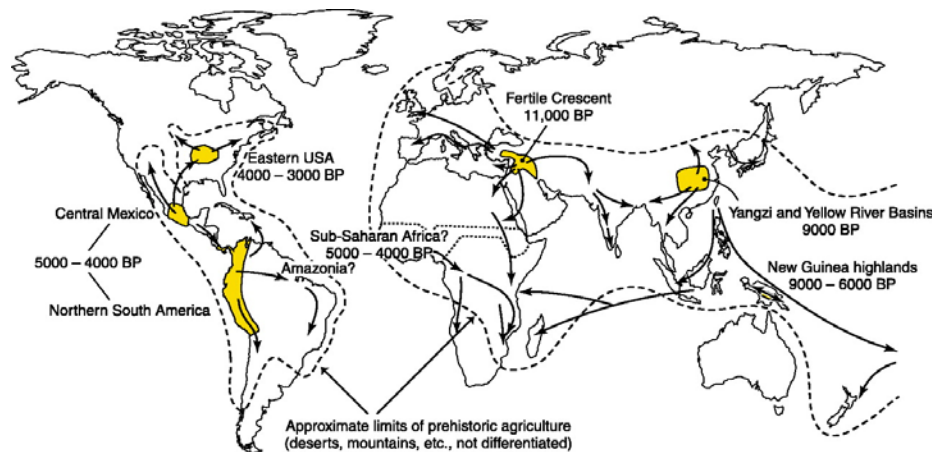
1) Historical archaeology is the archaeological study of societies that left a documentary record (e.g. Greece, Rome, Classic Maya).

2) Historical archaeology is the archaeological study of the continental and transoceanic human migrations that began in the fifteenth century, their effects on native peoples, and historical trajectories of the societies that they created.

(after James Deetz, *In Small Things Forgotten*, 1977 (1996) .

3

Demographic Expansions



- At least 5 independent agricultural traditions, caused continental-scale demographic expansions since the early Holocene.

4

Demographic Expansions

- early-modern demographic expansion from Europe
- driven by expansionist state strategies that coevolved with gunpowder technology in uniquely fierce inter-polity competition in Europe (Hoffman 2015).



c. 1411

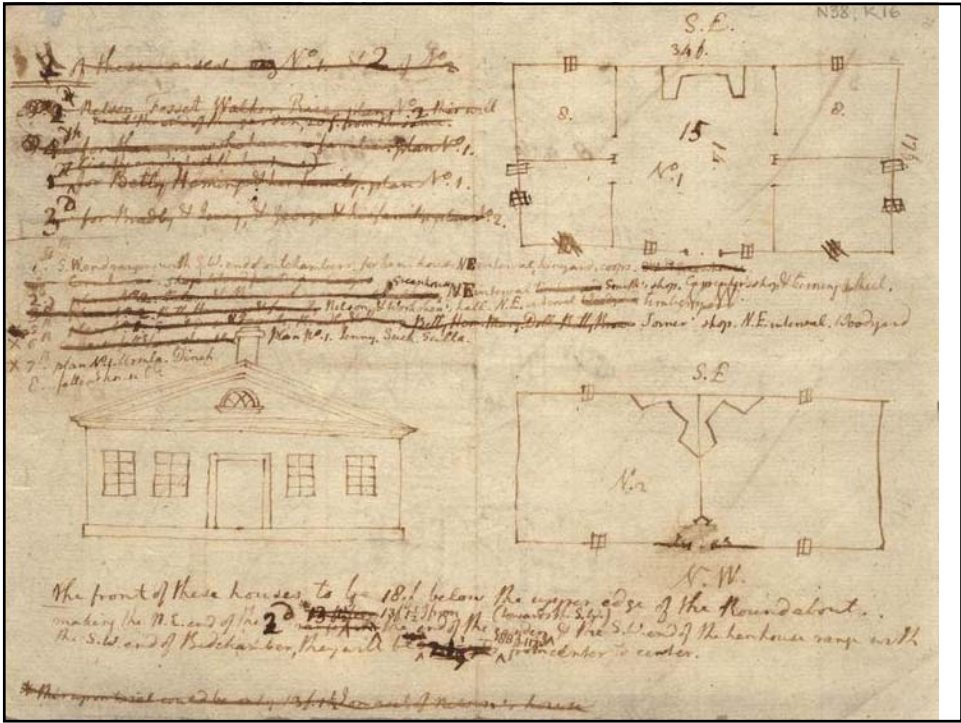


c.1607

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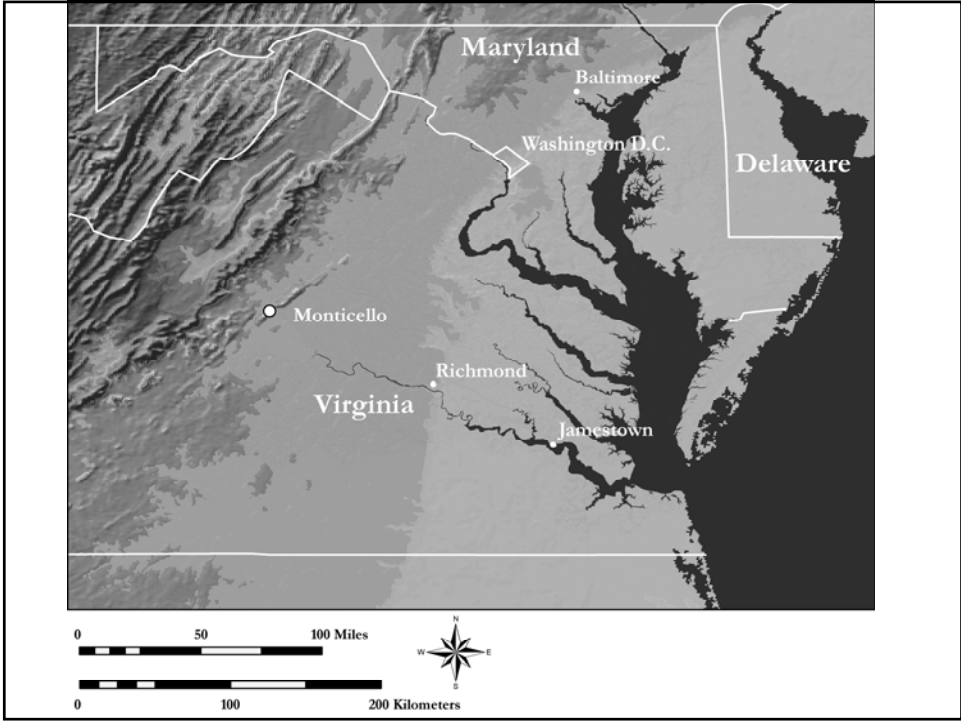
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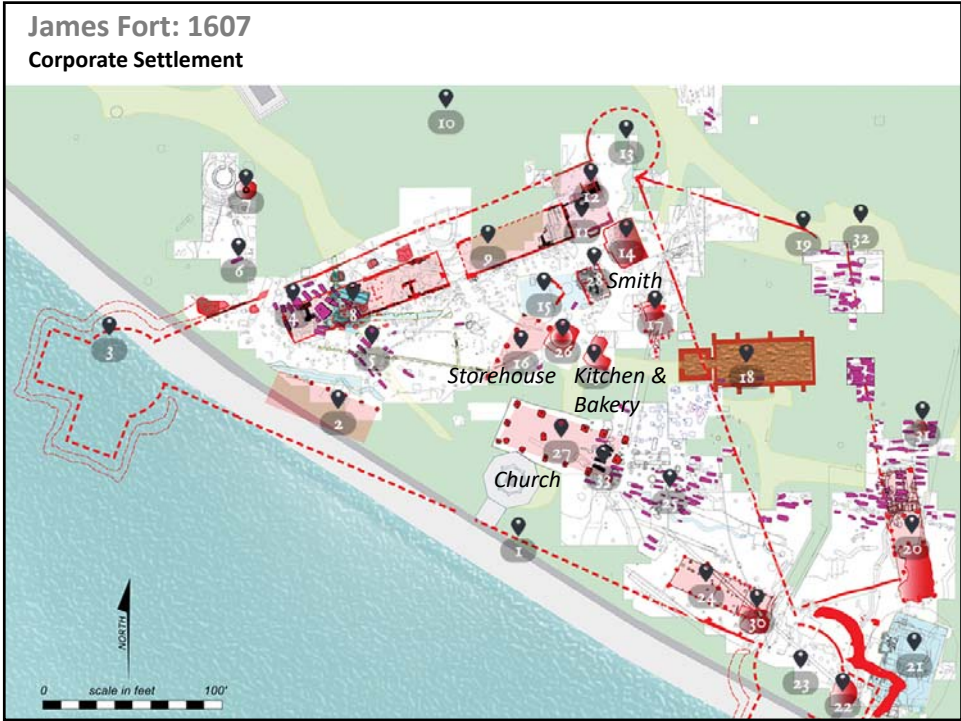
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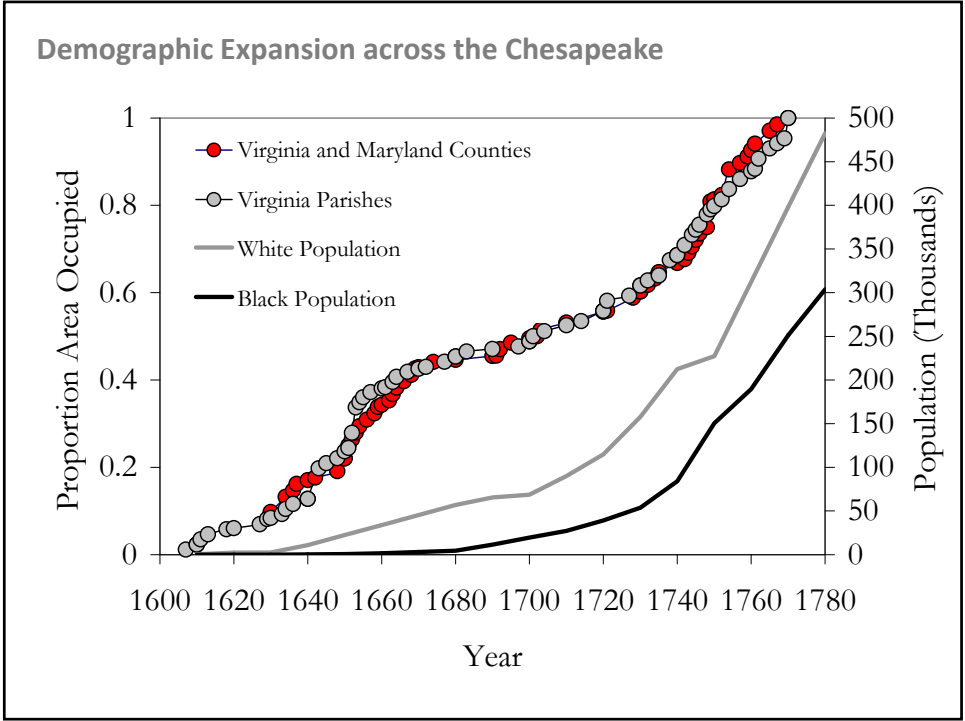
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Household Settlement

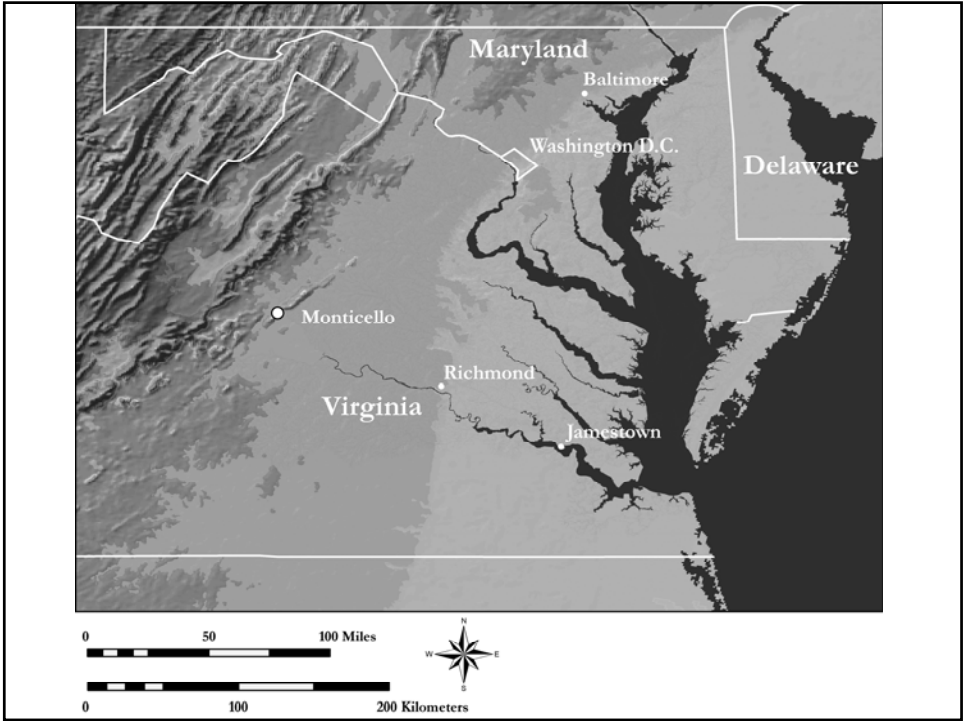
- Tobacco
- Swidden Agriculture
- Indentured Servitude
- English victory in the Anglo-Powhatan Wars (1610-14, 1622-26)



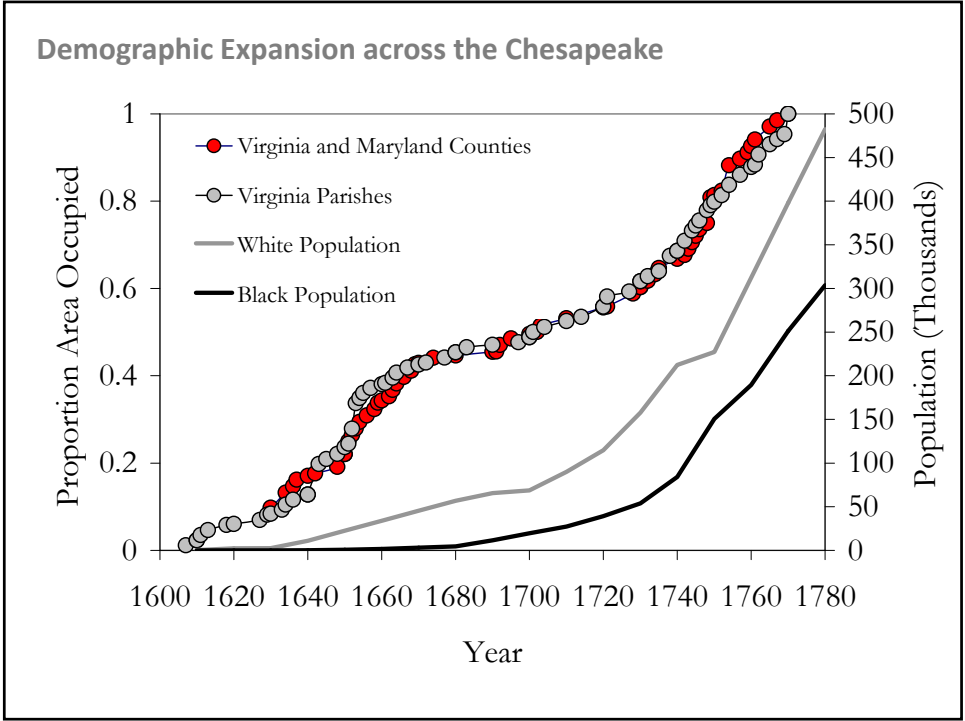
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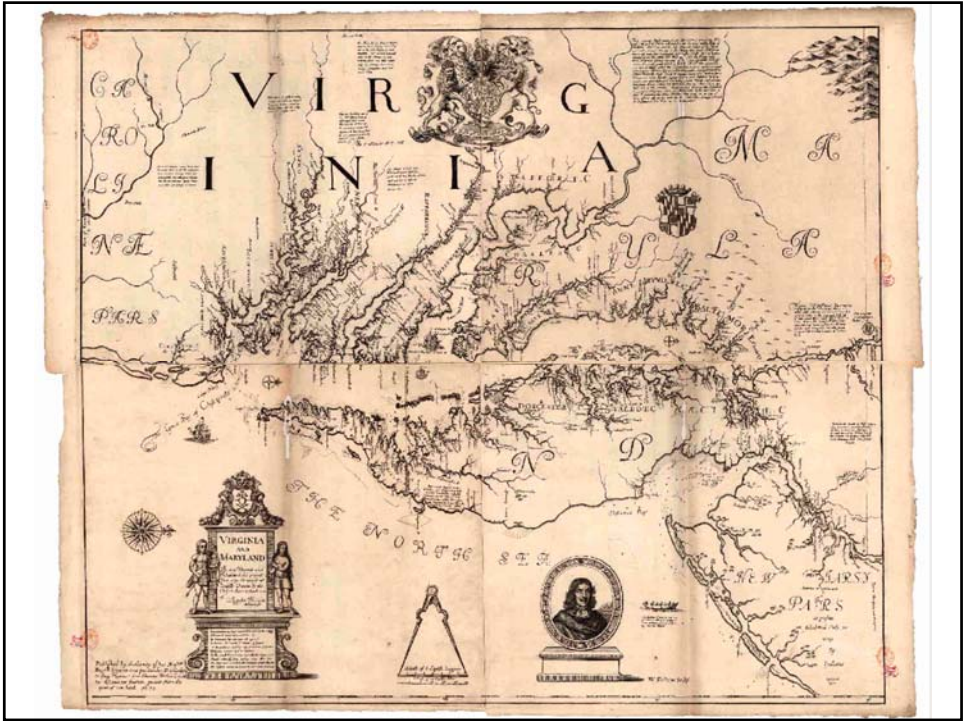
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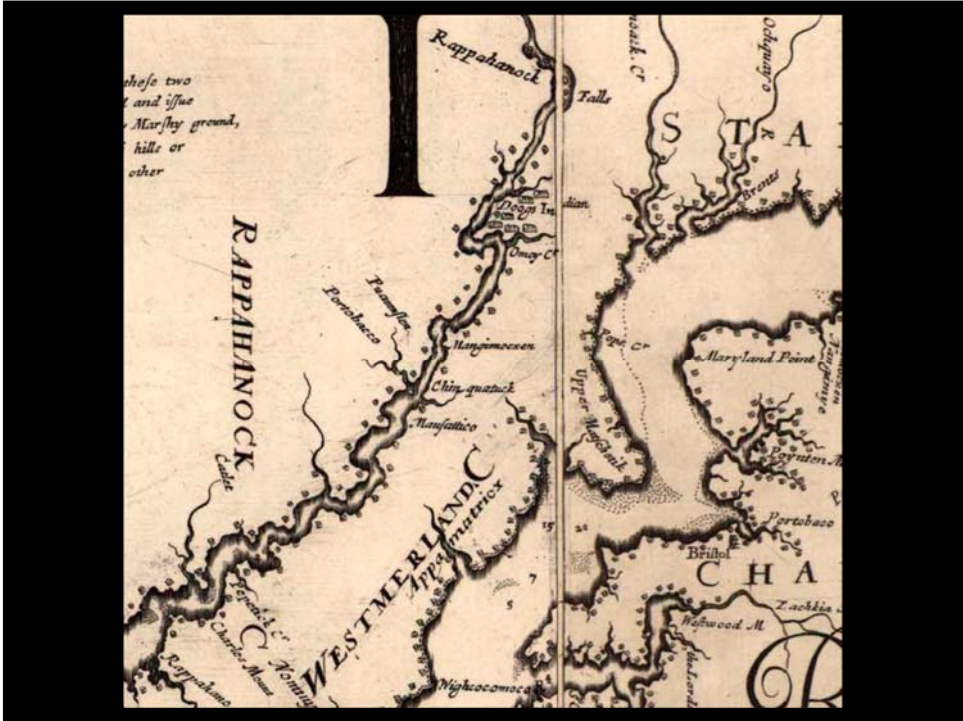
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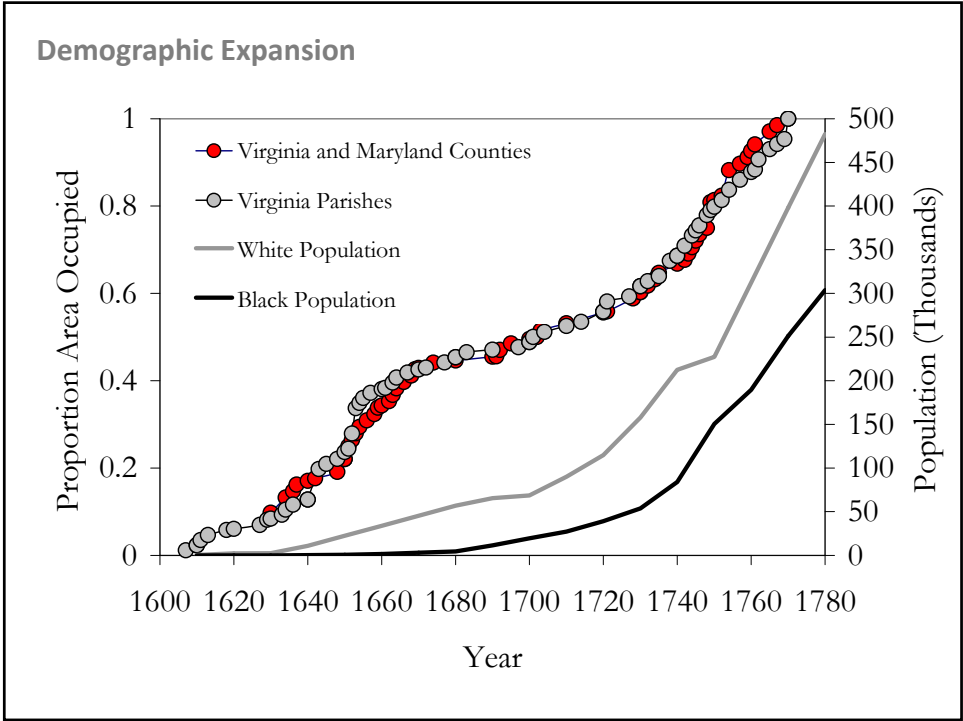
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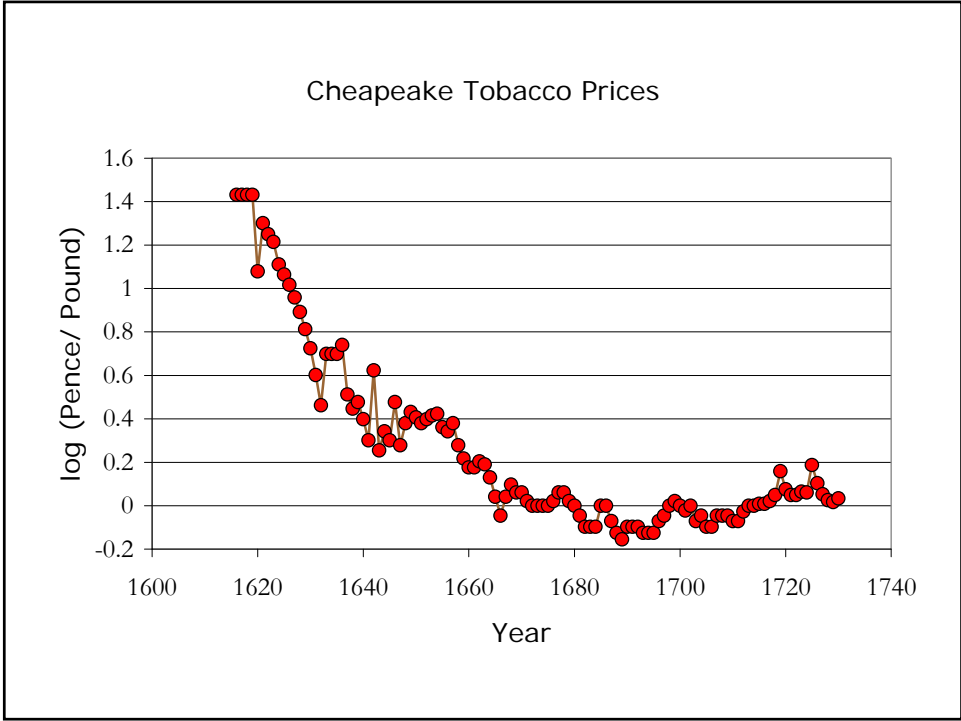
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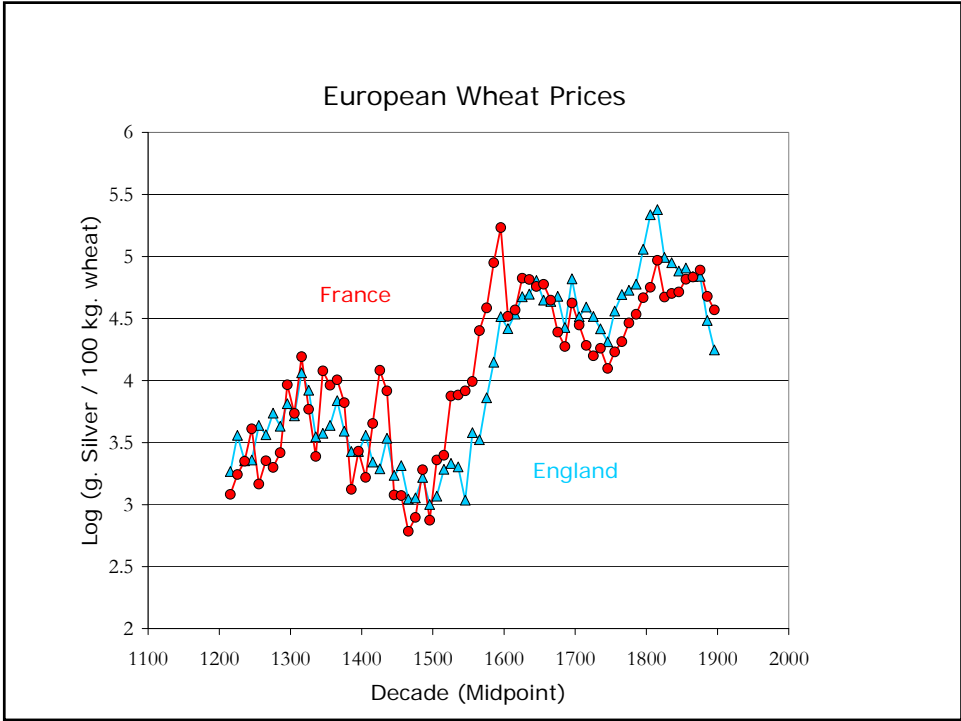
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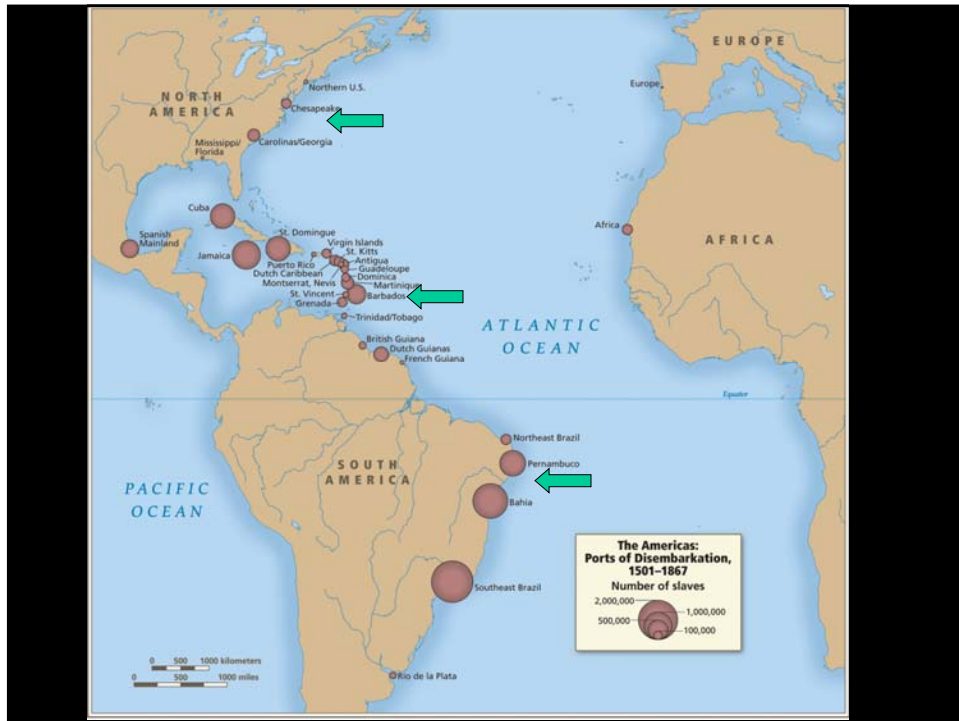
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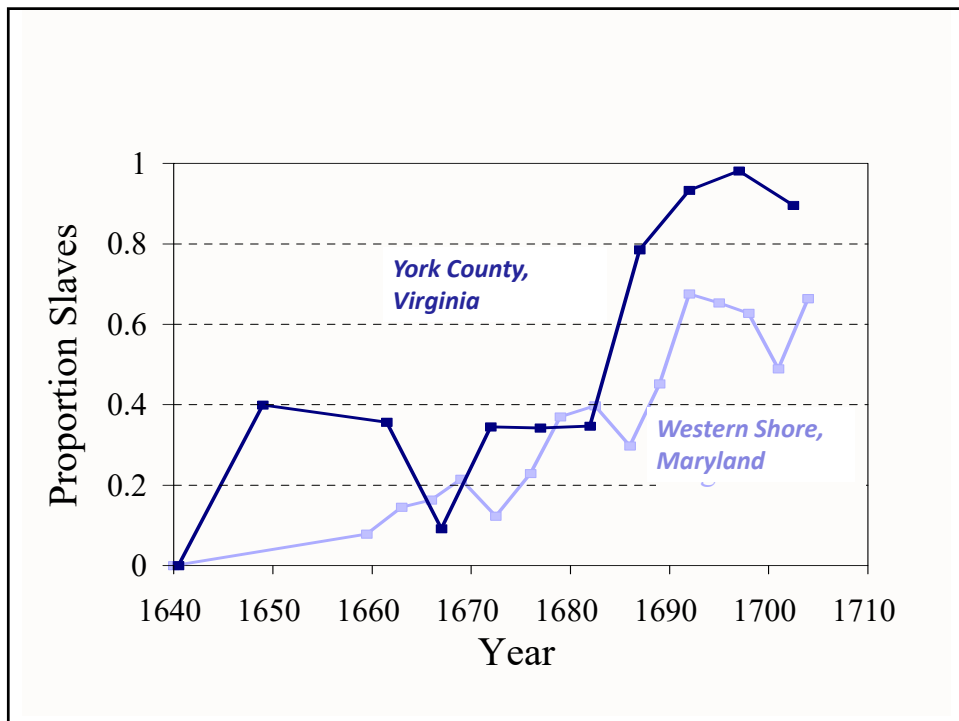
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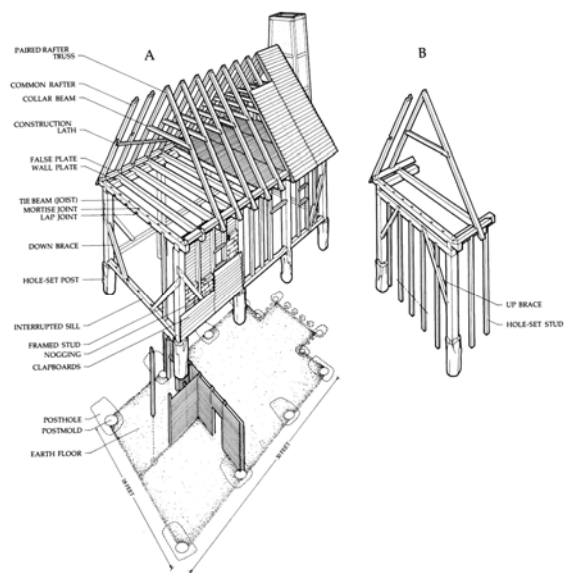
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Architectural Technology

Earthfast Technology



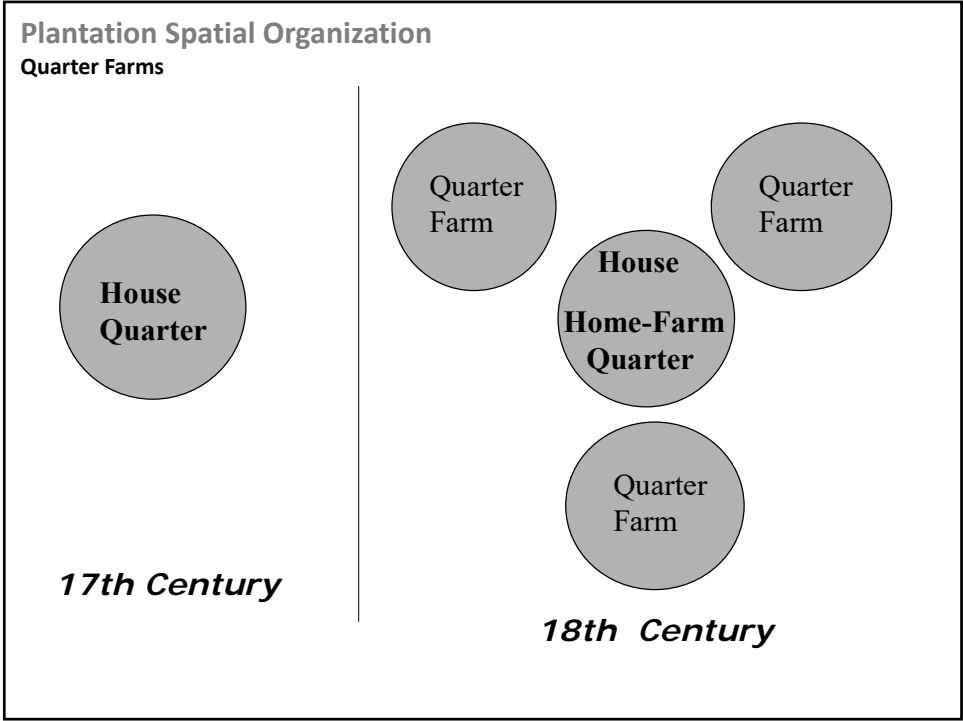
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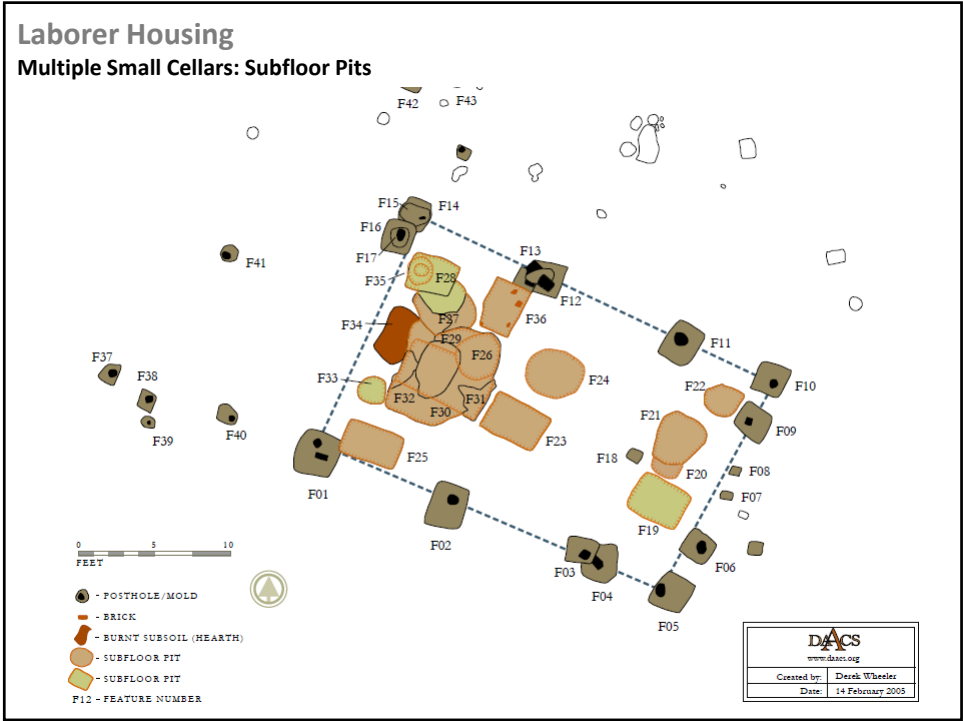
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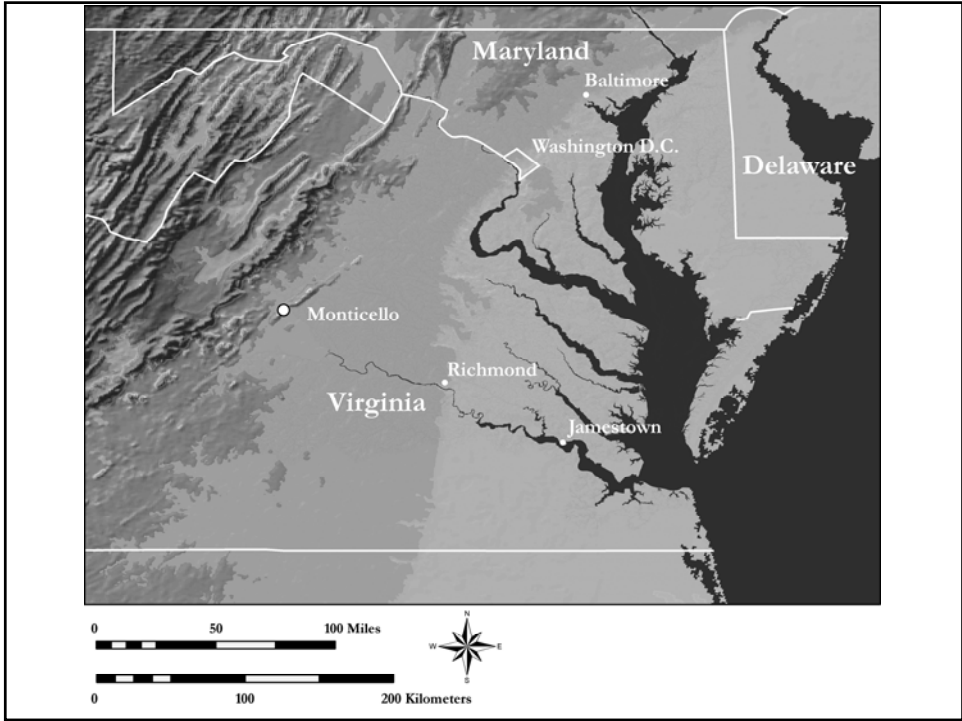
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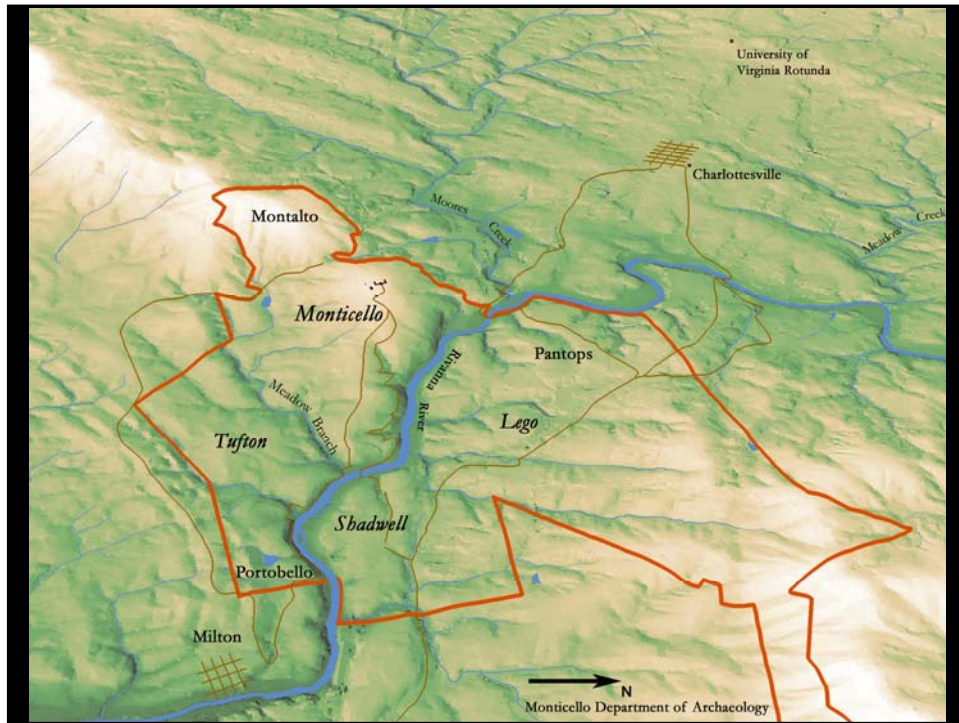
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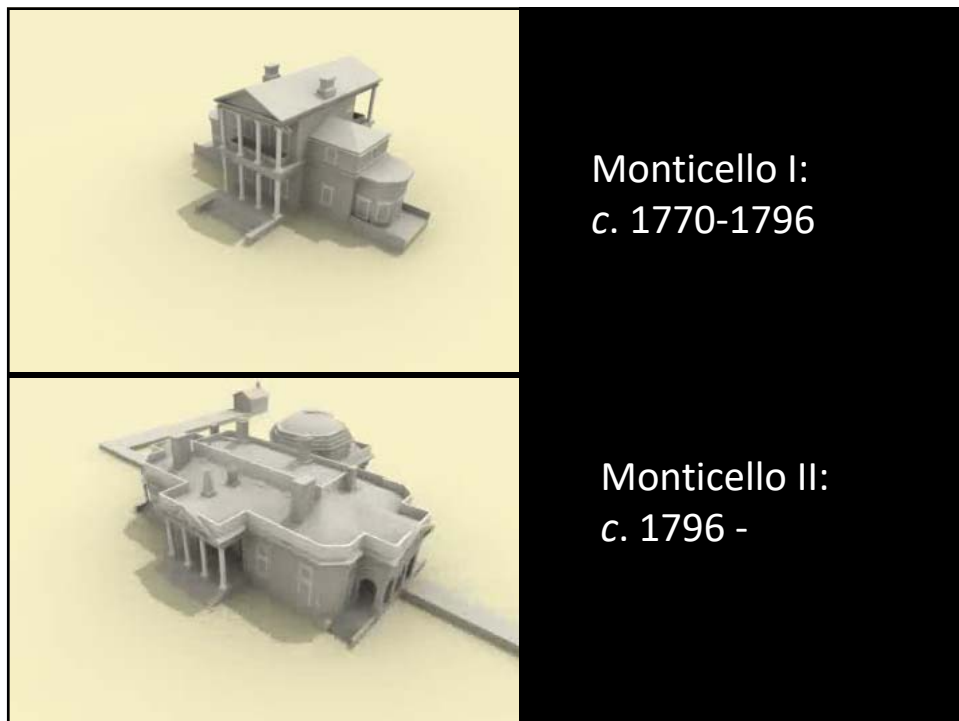
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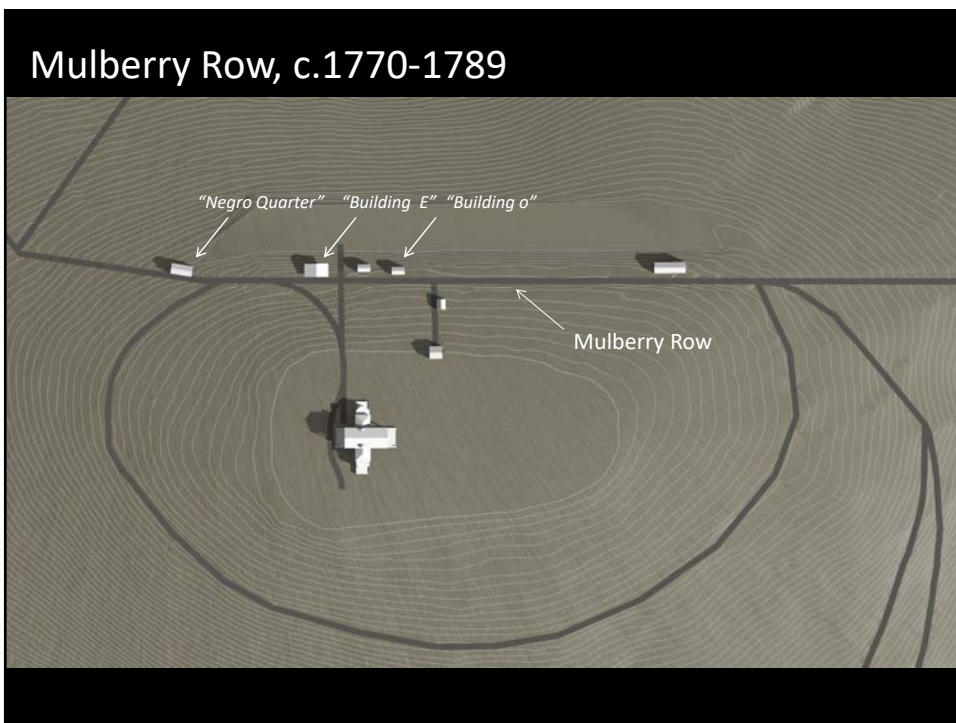
Monticello I:
c. 1770-1796

Monticello II:
c. 1796 -

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Soil Horizons

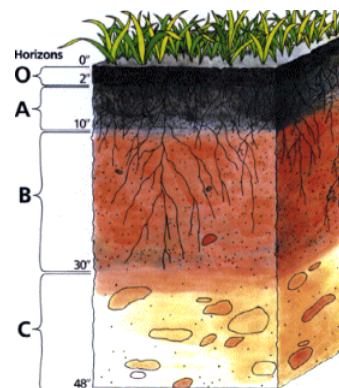
O: organic matter (dead stuff).

A: eluvial horizon, mineral matter mixed with humified (decomposed) organics.

B: illuvial horizon, concentrated clay (iron or calcium oxides).

C: weathered parent material.

R: regolith – unaltered parent material.



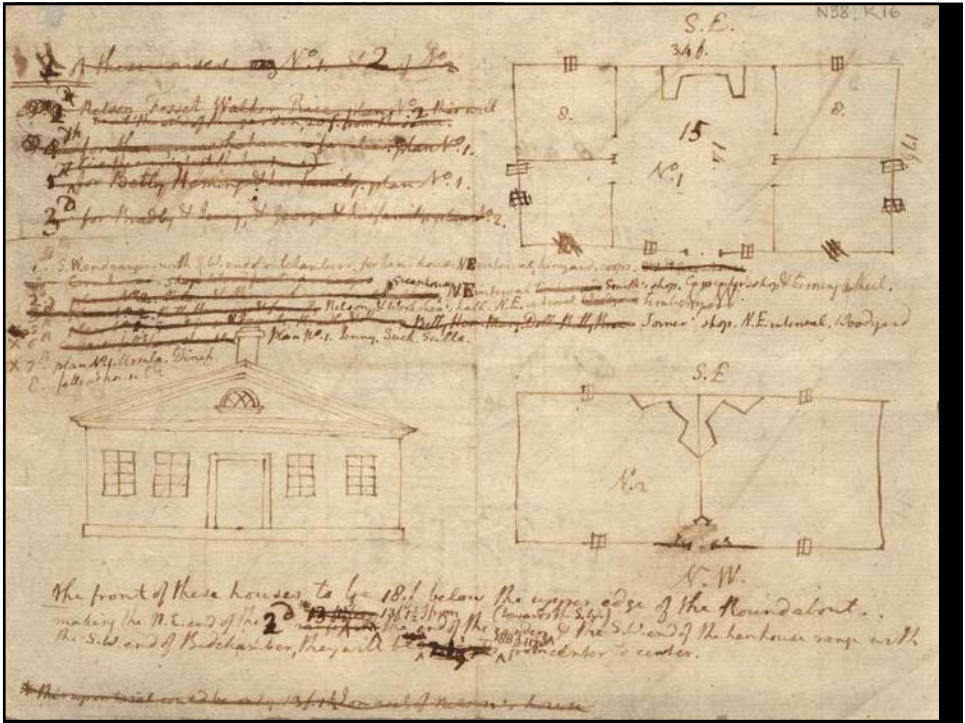
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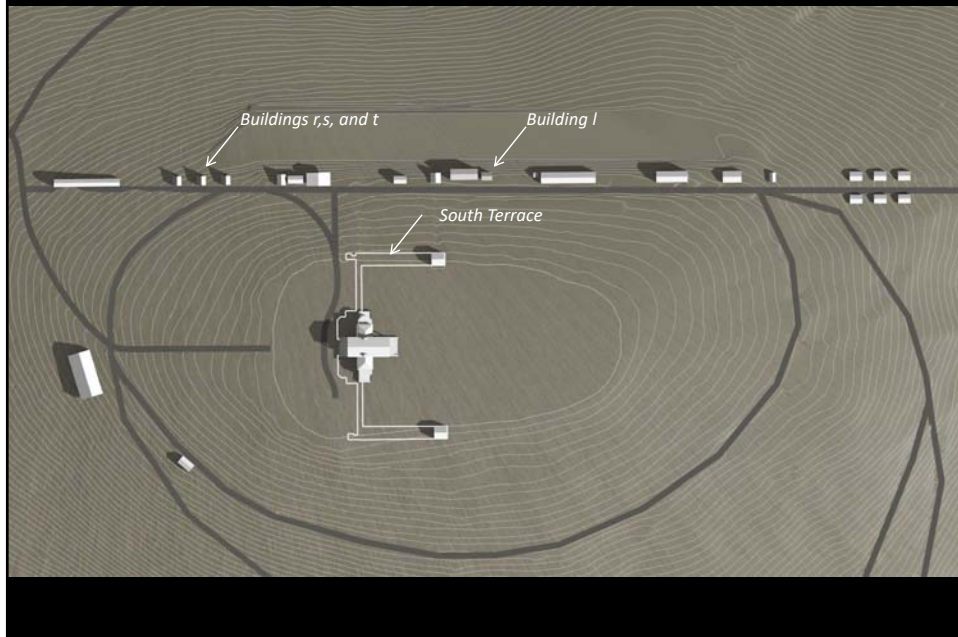


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Building o, Mulberry Row

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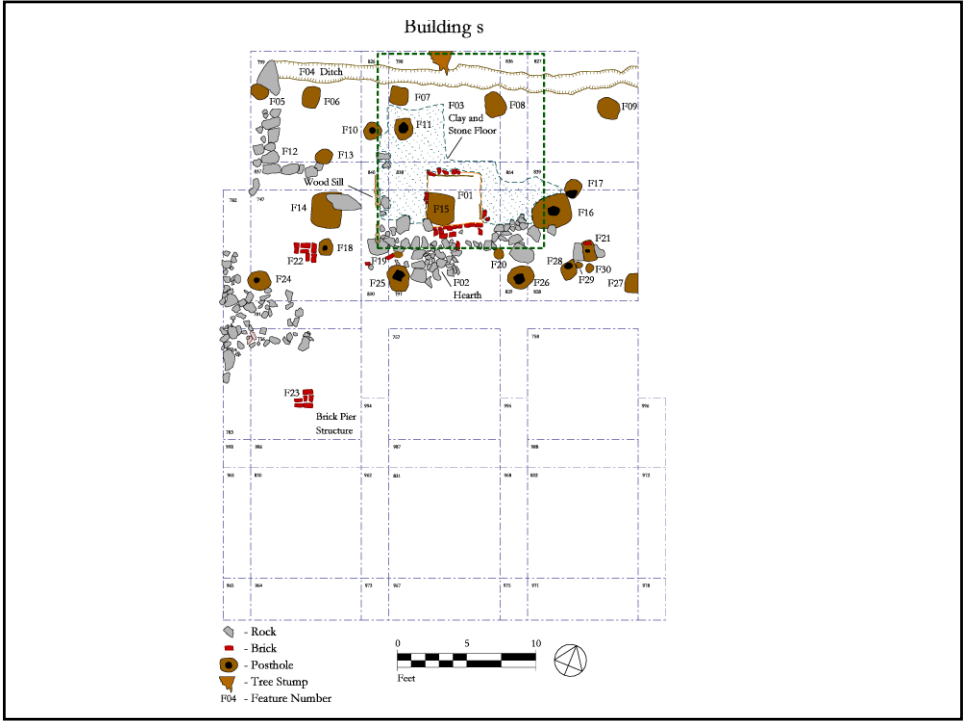
Mulberry Row, c. 1790-1809



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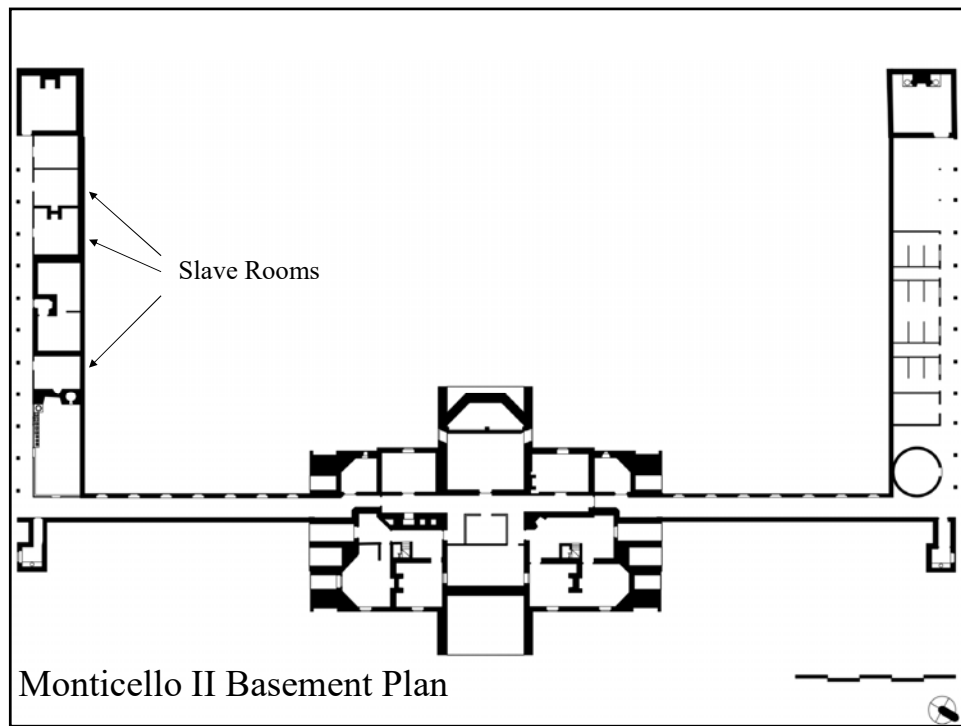
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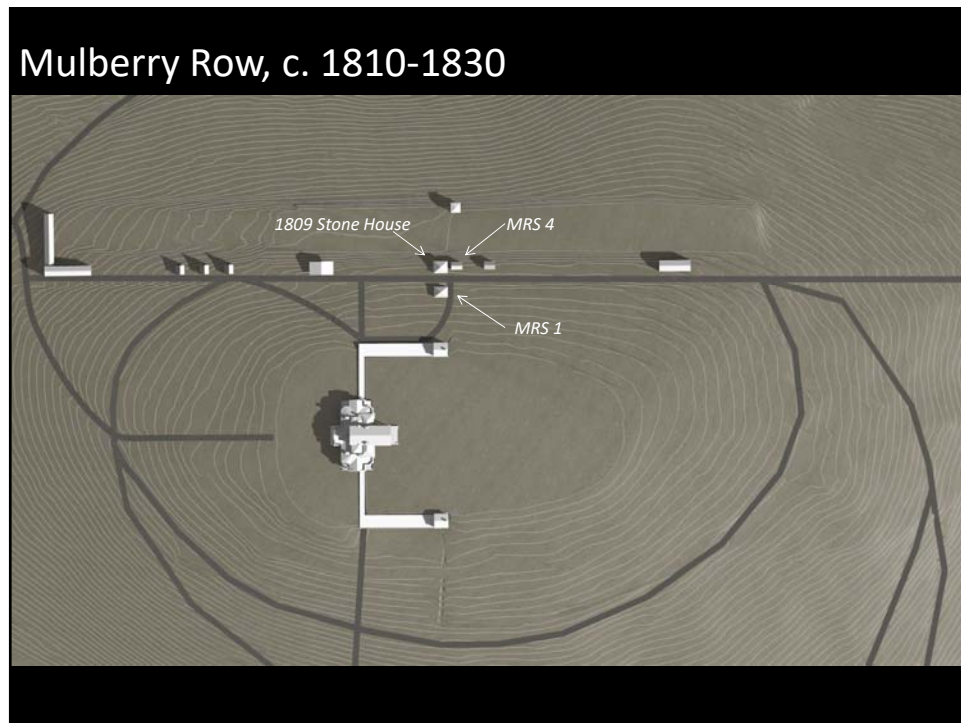
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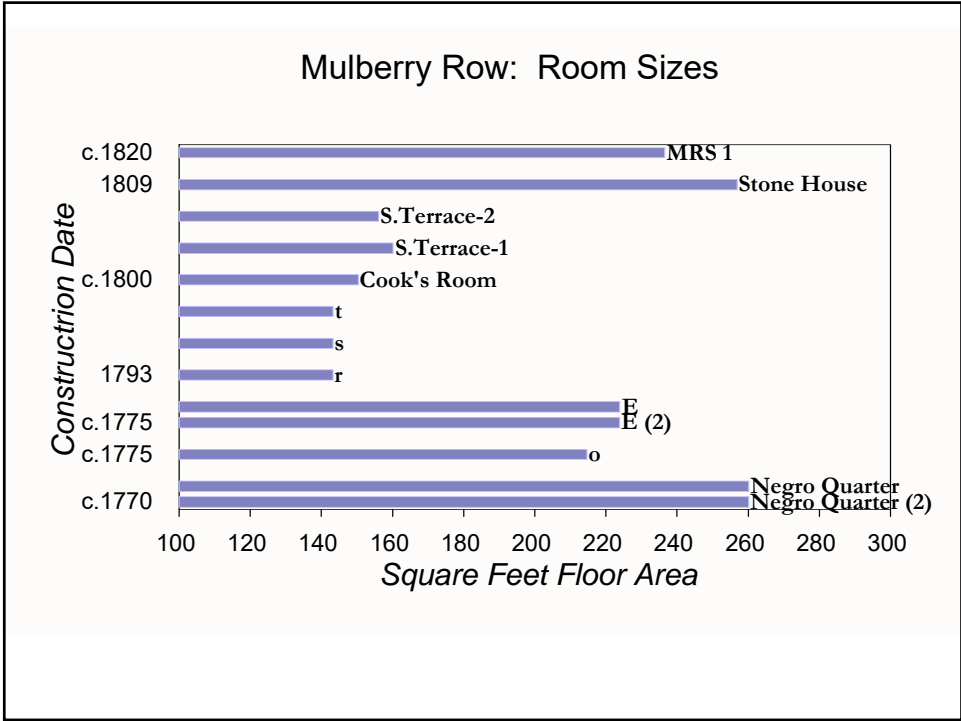
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Sub-Floor Pit Hypotheses:

- Africanisms



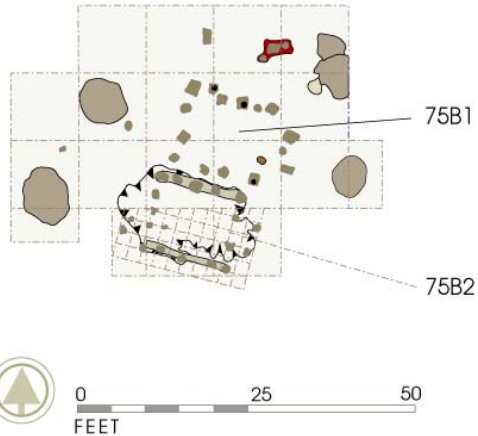
Source:

Joan Blaeu, [Atlas
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est Cosmographia
Blaviana . . .
Amsterdam,
1662.

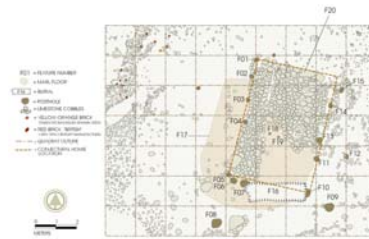
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Africanisms?

Yaughan Plantation, South Carolina



Seville Plantation, Jamaica



Source: www.daacs.org

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Sub-Floor Pit Hypotheses

- Africanisms

- Winter Root Crop Storage

"the way of propagating potatoes, [is to] bury them underground near the fire hearth, all the winter until the time comes that their seedlings are to be set".

- Robert Beverly, 1705

"a large deep opening, covered with boards, which was used as a place to store sweet potatoes during the winter."

- Booker T. Washington, c. 1860

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Sub-Floor Pit Hypotheses

- Africanisms
- Winter Root Crop Storage
- Sites of Resistance

"This morning I had a complaint about a butter pot's being taken from the dairy door where it was put to sweeten last night.... I sent Billy Beale to search all their holes and boxes; And in their loft it was found, but both of them solemnly denying that they knew anything of it"

- Landon Carter, 1770

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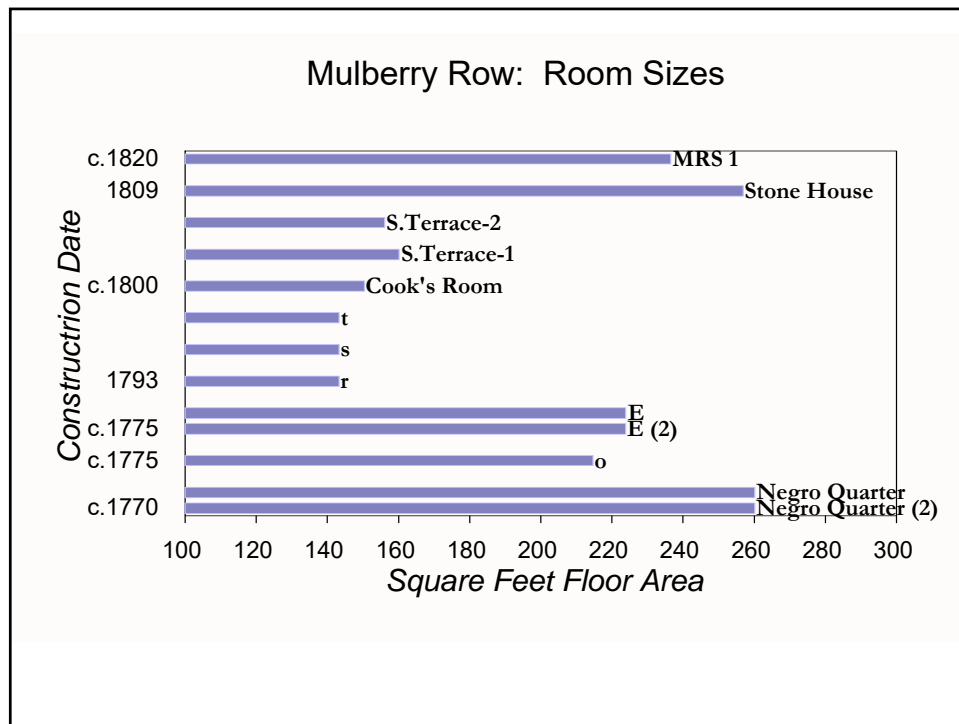
Sub-Floor Pit Hypotheses

- Africanisms
- Winter Root Crop Storage
- Sites of Resistance
- Safe Deposit Boxes

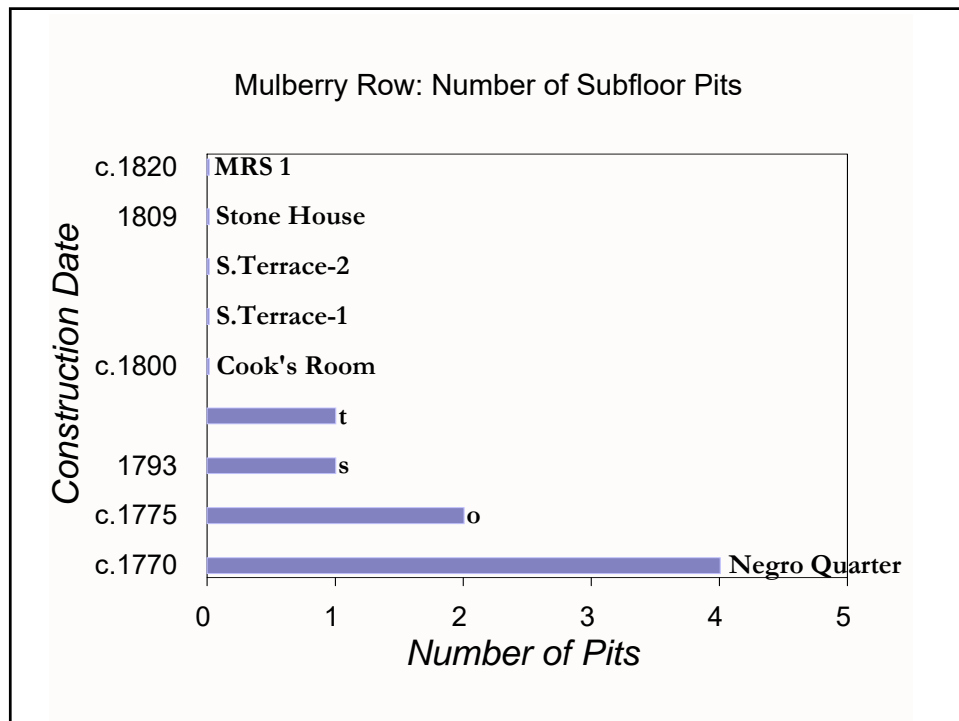
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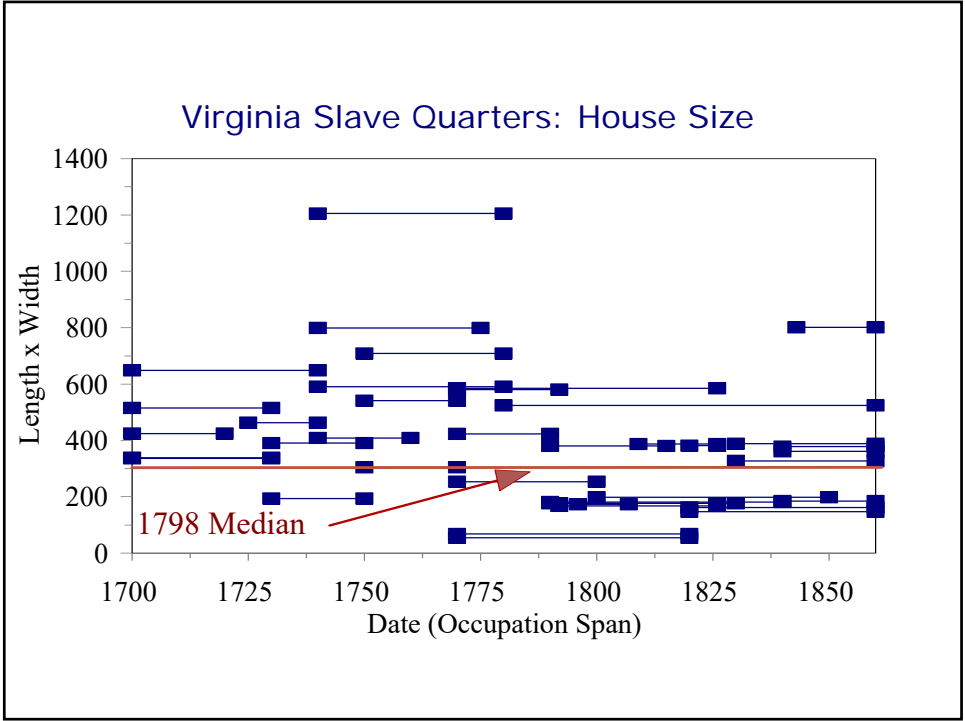
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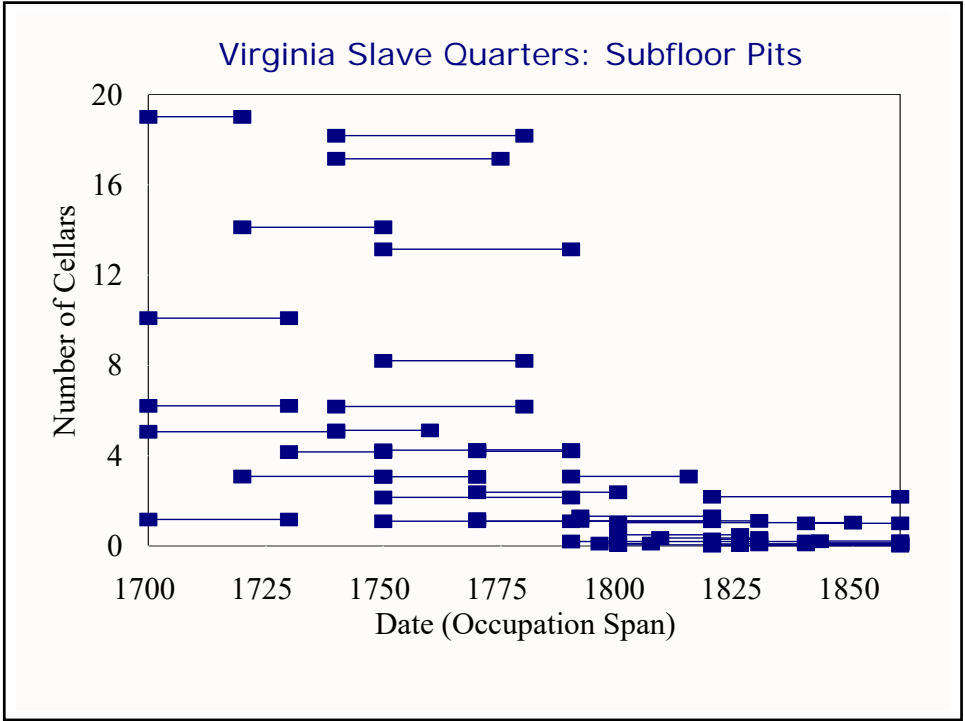
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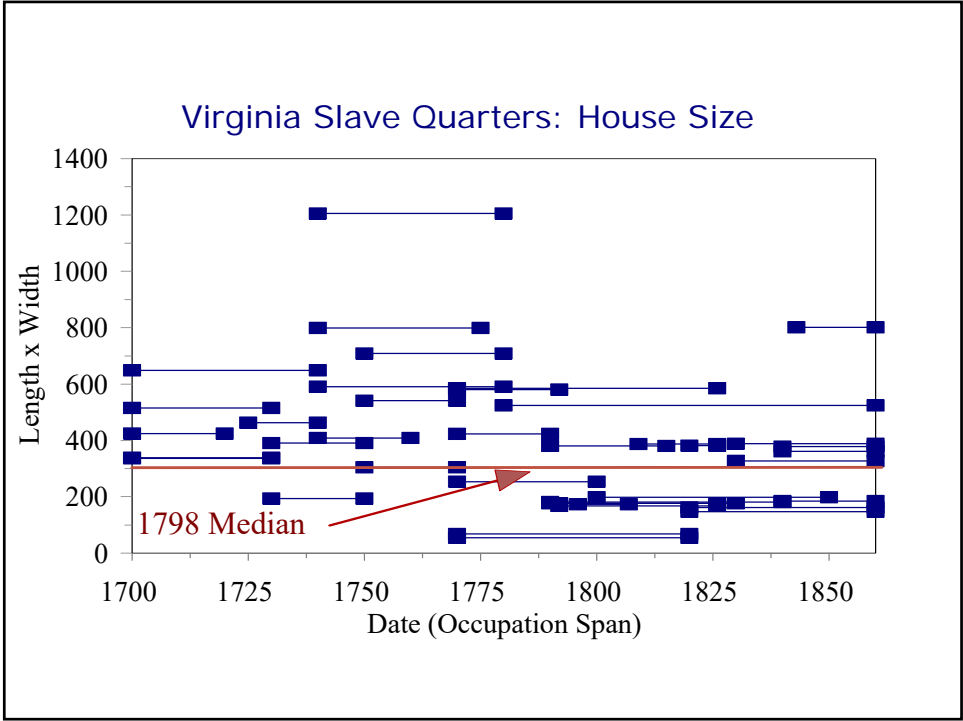
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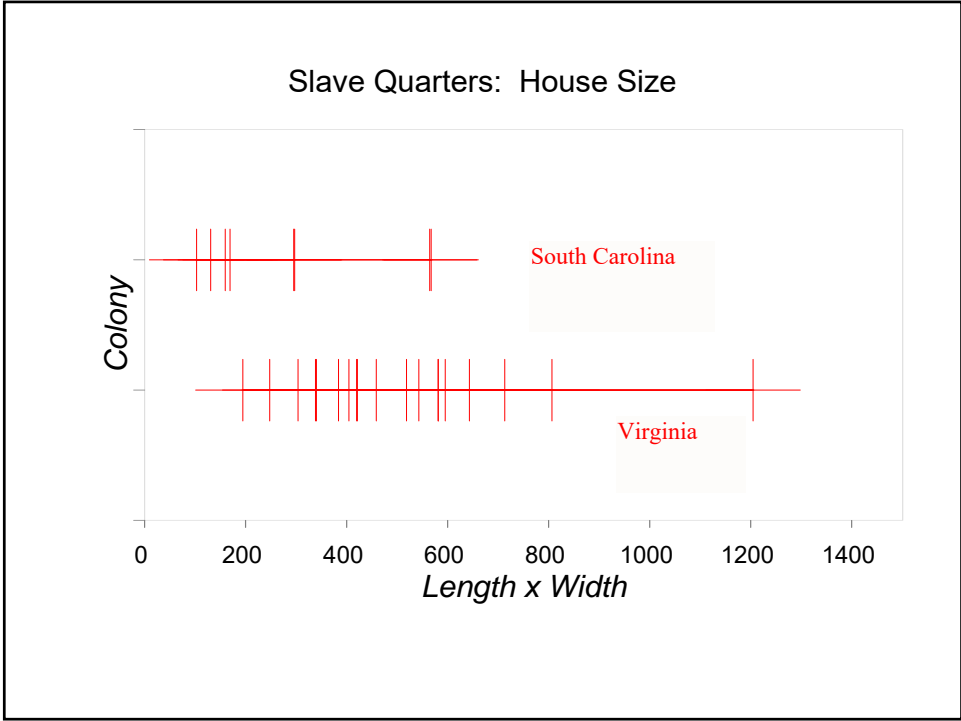
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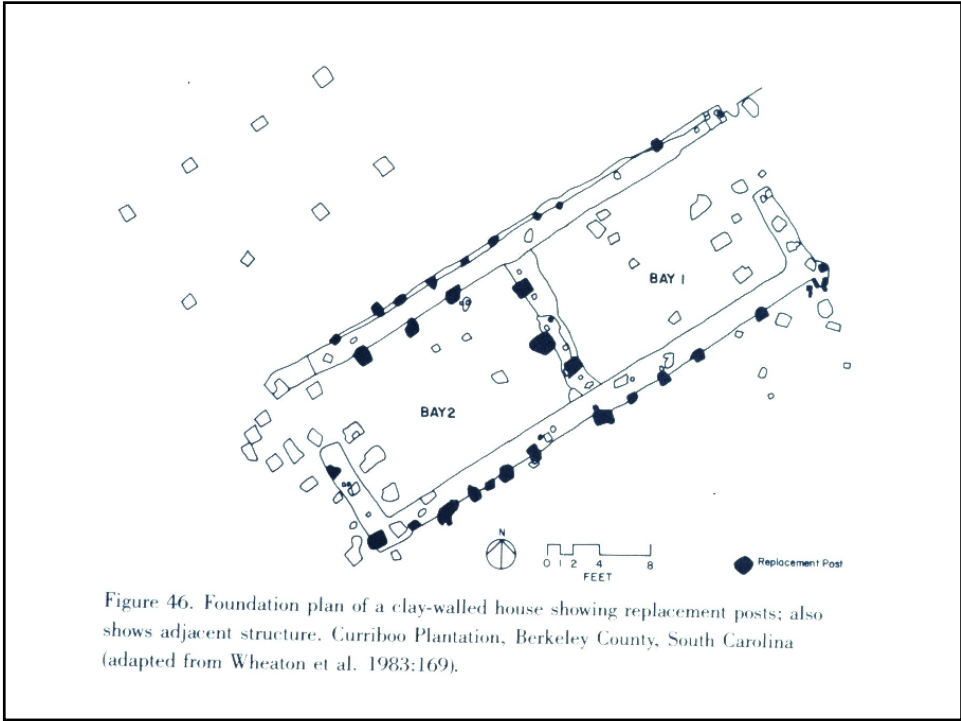
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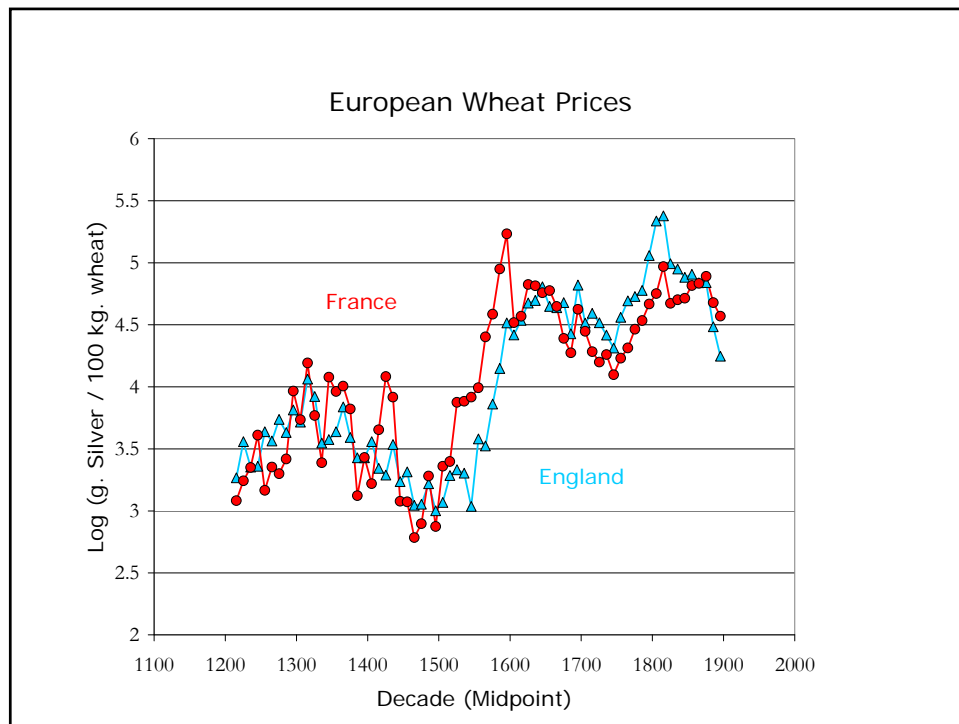
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*"There is reason to expect a rupture has taken place between Spain and England. If so, it will involve France and so render the present war of Europe almost universal there. I hope they will see it their interest to let us make bread for them in peace, and to give us a good price for it. **We have every moral certainty that wheat will be high for years to come. I cannot therefore, my dear Sir, omit to press, for myself, the going into that culture as much as you think practicable. In Albemarle I presume we may lay aside tobacco entirely; and in Bedford the more we can lay it aside, the happier I shall be.**"*

Thomas Jefferson to Nicholas Lewis
July 4, 1790

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Tobacco

- Hoes
- Stumps
- Field rotation
- Long fallows for sustainability
- Locally evolved
- **Gang labor**

Wheat

- Plows
- No stumps!
- Permanent fields
- Crop rotations and fertilizers for sustainability.
- Carts, livestock
- Mills
- Blacksmiths
- European handbooks
- **Spatially dispersed task groups**

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"I rode afterwards to see my pea gatherers and found, notwithstanding, my 11 hay gathers were put to assist them, there were only 27 people. 6 were sick. 3 were finishing scaffolding the tobacco, 3 with Manuel clearing the grass before his plow. 2 filling up the tobacco house floor; and 3 nay 4 Suckering and topping. Thus it is and has been, at no other work can the hands be kept together but at the hoe."

Landon Carter, 1770

"I told him [Phil Hubbard] that if he and Hanner did make up a match I would give them a pot and house..."

Jeremiah Goodman to TJ, 1814

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Some Questions

- Physical traces of changing agricultural work routines: hoes to plows?
- Physical traces of shift in agricultural ecology: swidden plots to permanent fields
- Change in settlement patterns: locations of slave houses on the landscape, relative to overseer's houses?
- Shifts in household organization and household economies?
- Changes in assemblage content: participation in market and the "consumer revolution"?

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