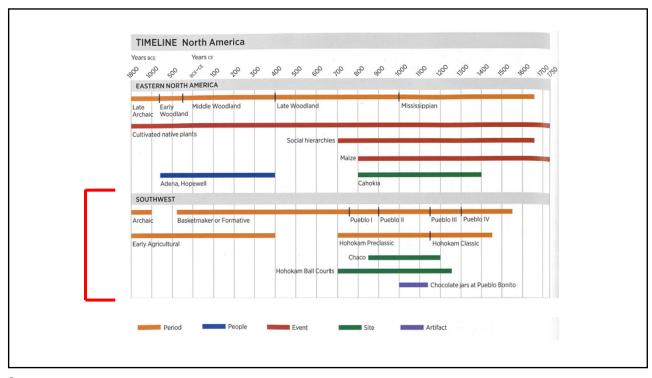


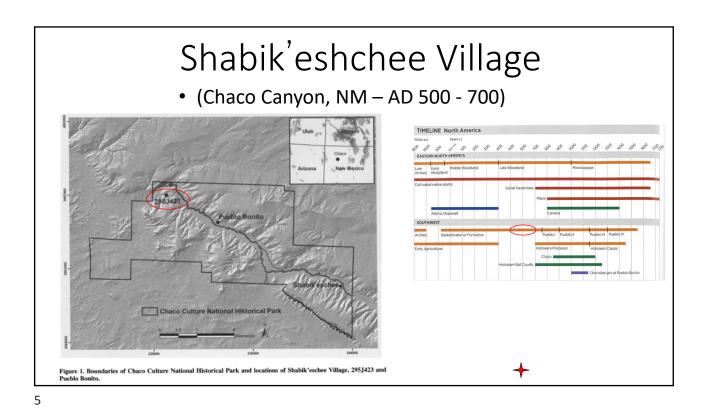
Southwestern North America Today's American Indian Nations UTE NEVADÁ SOUTHERN UTAH COLORADO~ JICARILLA .APACHE ARIZONA NAVAJO Zuni Pueblo Acoma Pueblo Pueblo NEW MEXICO WESTERN APACHE YAVAPAI QUECHAN MARICOPA PIMA TOHONO O'ODHAM MESCALERO APACHE CHIRICAHUA APACHE 100 miles COCOPA



Southwest Agriculture

- The agricultural roots of the Southwest can be traced to Mexico, where maize, squash, and beans were all domesticated earlier.
- Maize and squash grown during the Archaic as early as 2000 BC, and crops became more important through time.





60+ dwellings & 45 storage bins

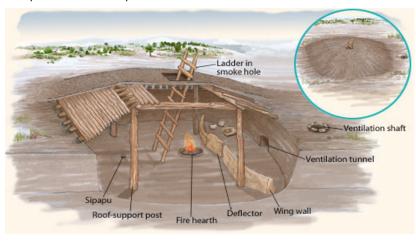
SHABK ESCHEE VILLAGE

Figure 3. Map of surface features at Shabik schee Village.

Early Villages in the Southwest

Basketmaker villages were made up of **pithouses**: round/oval structures, often about 5 m across, dug to varying depths.

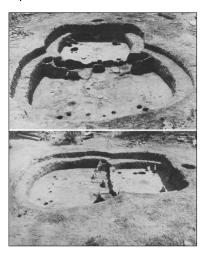
Superstructures were post-and-beam covered with mud

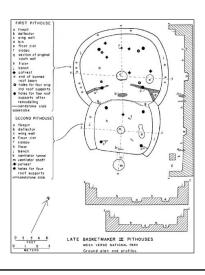


7

Early Villages in the SW

• pithouses





Early Villages in the SW

• Ca. AD 700-900, some pithouses were larger and had specialized features. These may have been early kivas – communal ritual structures.





9



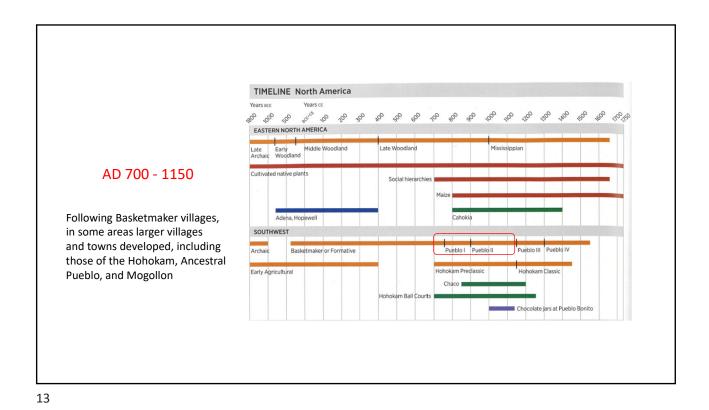
photograph of Hopi leaving the Snake kiva in the village of Oraibi in August 1900 (pueblo architecture in the background)

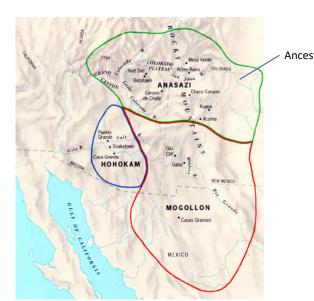




Reconstruction of a Great Kiva, Aztec Ruins site, NM



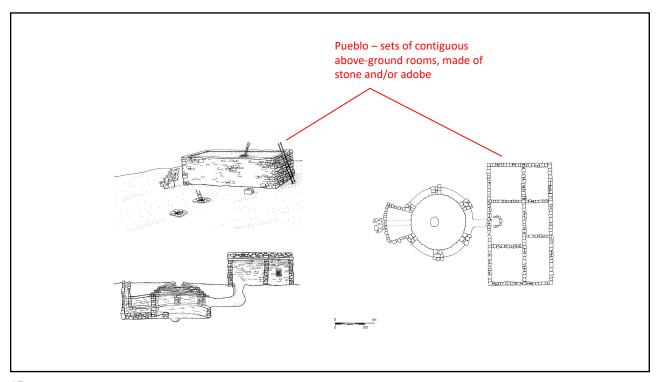


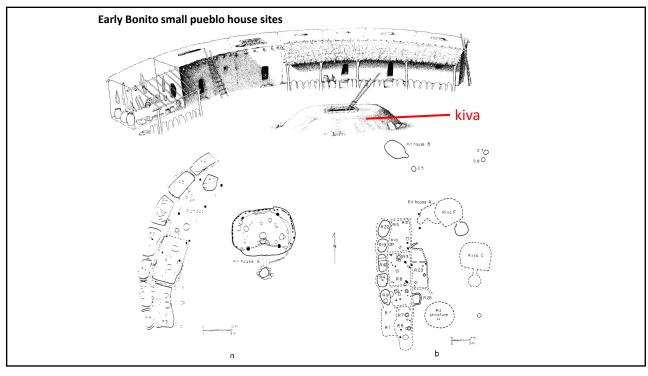


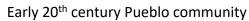
Ancestral Pueblo

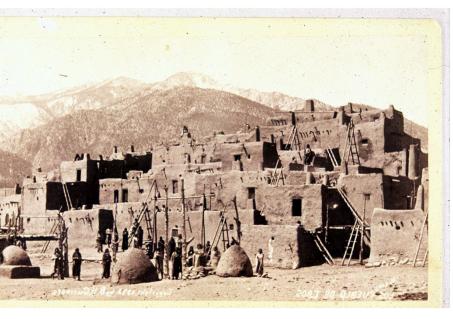
Pithouses to Pueblos

- By AD 900, many Southwestern communities shifted their residences from pit house villages to Puebloan room blocks.
- This shift corresponds with an increase in interaction and exchange across the region.
 - Archaeologists have traced this process most in the Ancestral Pueblo and Mogollon regions.



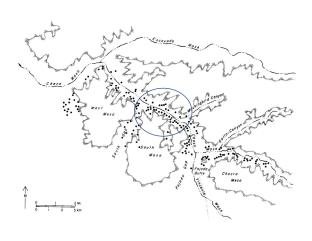






Classic Bonito/Pueblo II, AD 1050-1150 --Chaco Canyon subregion

Major Great House, kiva, and road construction in "Downtown Chaco;" regional population in the low thousands



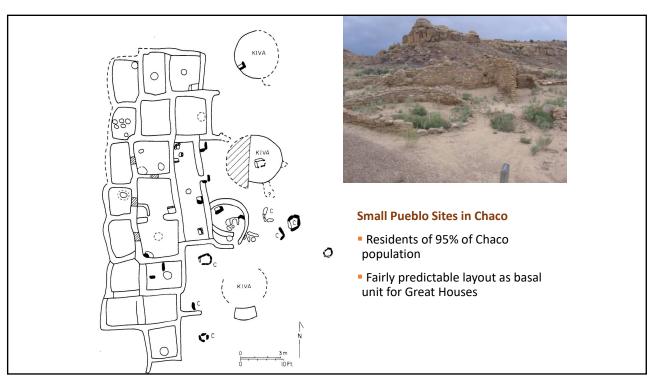
Great houses of the Classic Bonito/Pueblo II phase in Chaco Canyon

- Several hundred rooms each (many burned when abandoned)
- Most rooms used for storage, some converted to elite mausoleums
- Few associated midden deposits
- Construction peaked between 1050-1100
- No more building/elaboration after 1130

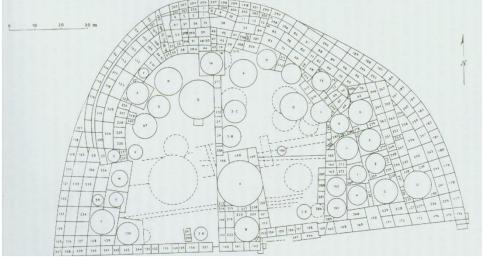




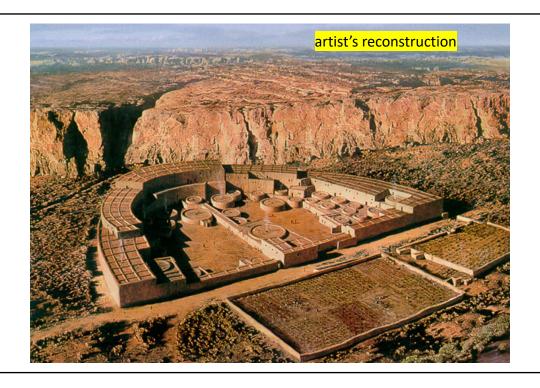
19

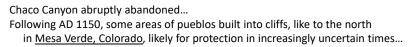


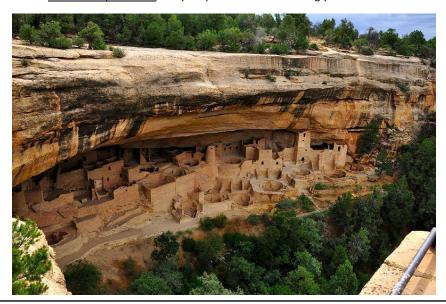


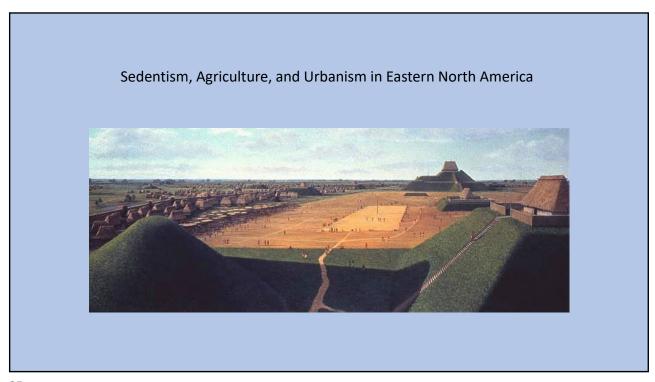


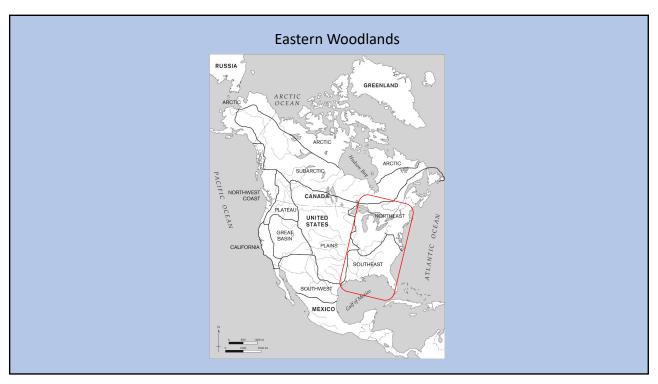


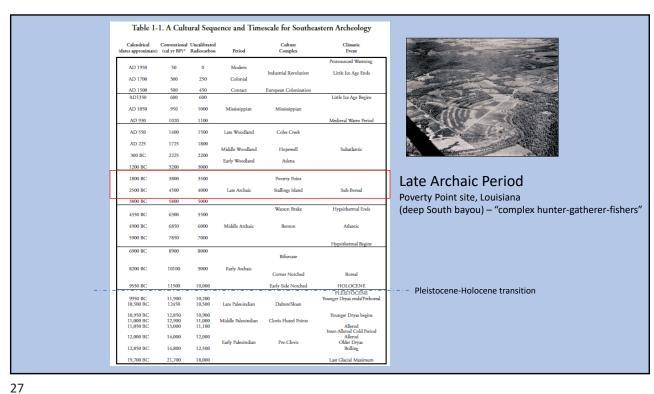




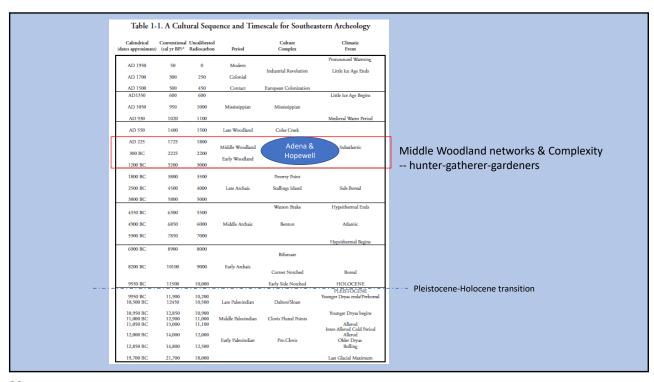


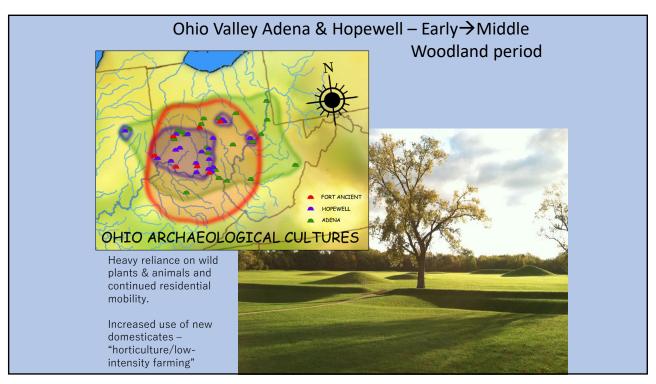


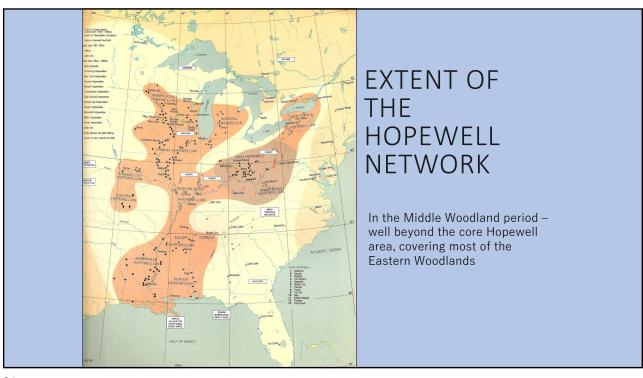


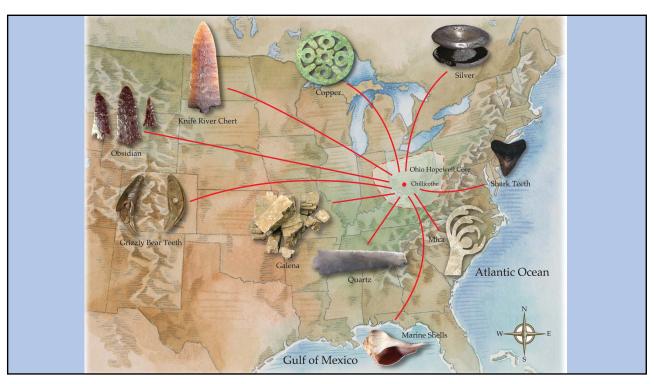


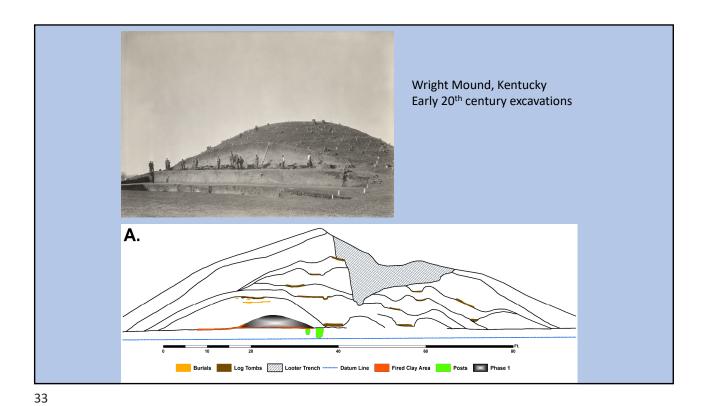
Calendrical (dates approxin	Convention ate) (cal yr BP)	al Uncalibrated Radiocarbon	Period	Culture Complex	Climatic Event	
AD 1950 AD 1700	50 300	0 250	Modern Colonial	Industrial Revolution	Pronounced Warming Little Ice Age Ends	
AD 1500	500	450	Contact	European Colonization		
AD1350	600	600			Little Ice Age Begins	
AD 1050	950	1000	Mississippian	Mississippian		
AD 930	1020	1100			Medieval Warm Period	
AD 550	1400	1500	Late Woodland	Coles Creek		Late Archaic Period
AD 225	1725	1800	Middle Woodland	Hopewell	Subatlantic	
300 BC	2225	2200	Early Woodland	Adena	COMPARAMENTS.	"Mid-South" region
1200 BC	3200	3000				independent plant domestication
1800 BC	3800	3500		Poverty Point		in Eastern North American
2500 BC	4500	4000	Late Archaic	Stallings Island	Sub-Boreal	in Eastern North American
3800 BC	5800	5000				mid-South (KY, TN, IL, MO, AR) –
4350 BC	6300	5500		Watson Brake	Hypsithermal Ends	not maize! (Pepo squash,
4900 BC	6850	6000	Middle Archaic	Benton	Atlantic	sunflower, chenopod, etc.)
5900 BC	7850	7000				sufflower, cheriopou, etc.)
(000 DC	0000	8000			Hypsithermal Begins	-
6900 BC	8900	8000		Bifurcate		
8200 BC	10100	9000	Early Archaic	Corner Notched	Boreal	
9550 BC	11500	10,000		Early Side Notched	HOLOCENE	21.1.
9950 BC 10,500 BC	11,900 12450	10,200 10,500	Late Paleoindian	Dalton/Sloan	PLEISTOCENE Younger Dryas ends/Preboreal	Pleistocene-Holocene transition
10,950 BC	12,850	10,900			Younger Dryas begins	
11,000 BC	12,900 13,000	11,000 11,100	Middle Paleoindian	Clovis Fluted Points	Allerod Inter-Allerod Cold Period	
12,000 BC	14,000	12,000	Early Paleoindian	Pre-Clovis	Allerod Older Dryas	
12,850 BC	14,800	12,500	carry rateoindian	Pre-Clovis	Bolling	
19,700 BC	21,700	18,000			Last Glacial Maximum	









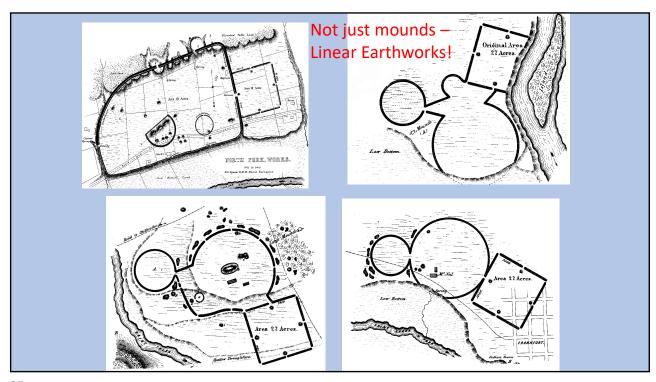


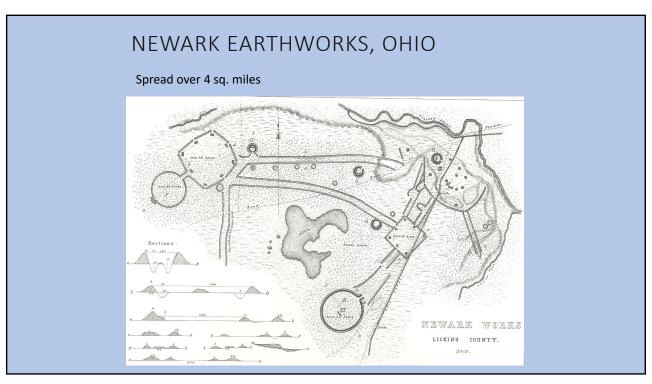
Middle Woodland sociopolitical organization

Dispersed communities of forager-farmers, living with kin groups for most of the year, and assembling periodically for larger community events

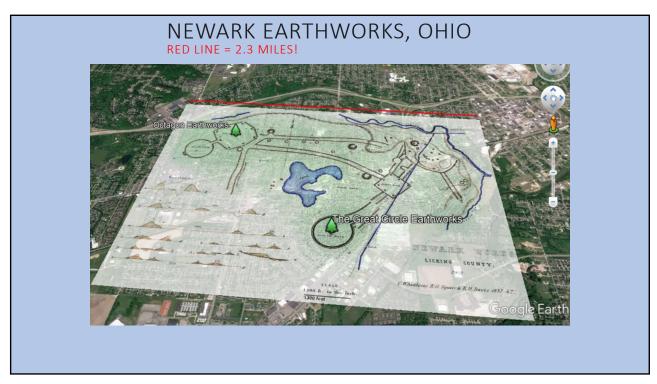
Egalitarian(?) social organization: everyone born equal; status and respect could be gained through personal achievements and experience.

These inferences derive from burial data and cross-cultural analogy with other similar societies. Few Woodland habitation sites have been excavated (high mobility?), affecting our ability to directly assess Woodland daily life.



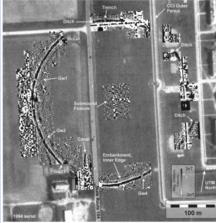






RECENT HOPEWELL ARCHAEOLOGY



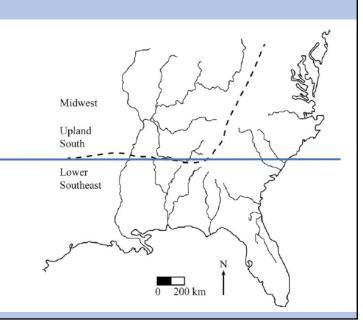


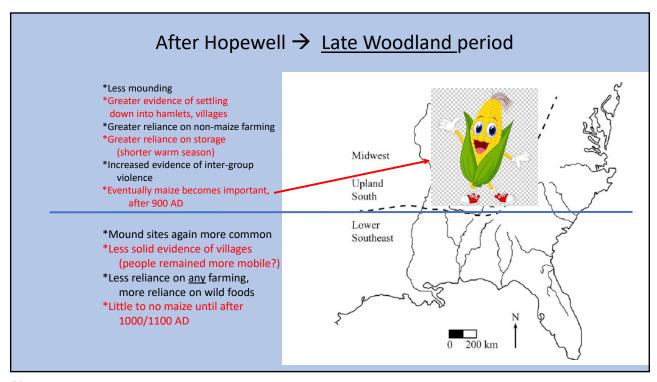
Using geophysics to find preserved earthworks and mounds

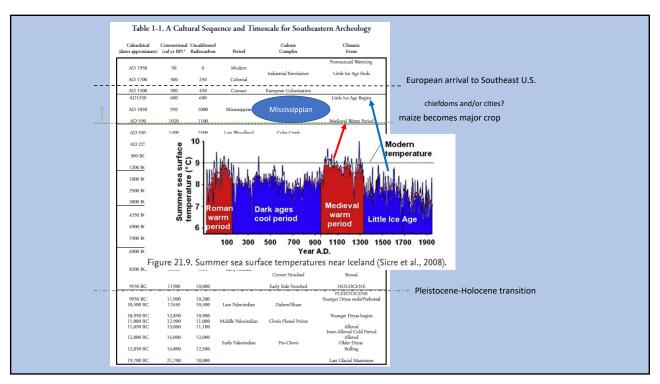
39

After Hopewell → <u>Late Woodland</u> period

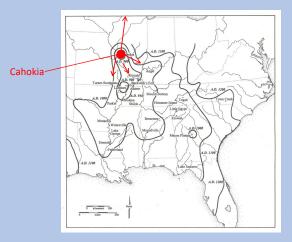
- *Less mounding
- *Greater evidence of settling down into hamlets, villages
- *Greater reliance on non-maize farming
- *Greater reliance on storage (shorter warm season)
- *Increased evidence of inter-group violence
- *Mound sites again more common
- *Less solid evidence of villages (people remained more mobile?)
- *Less reliance on <u>any</u> farming, more reliance on wild foods
- *Little to no maize until after 1000/1100 AD







Time-transgressive Spread of Mississippian culture



Map displaying initial development then spread of Mississippian, via migrations, culture-contact, colonization, etc.

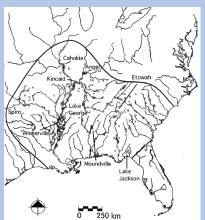
43

What is Mississippian?

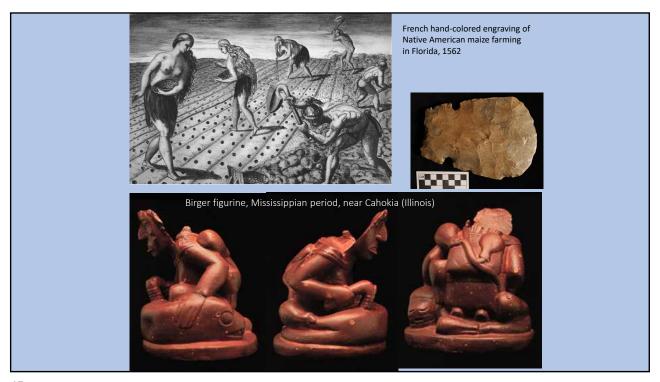
Mississippian is a time period and the name of a cultural tradition

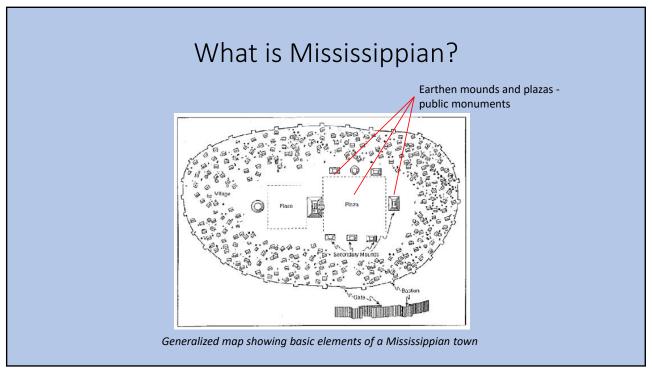
Time period: ca. AD 1000 – early 1500s Cultural tradition: Sedentary maize agriculturalists organized sometimes as chiefdoms and sharing a particular worldview/religion

Our knowledge about Mississippian societies derives from archaeology, ethnohistory, & living American Indian histories (oral traditions & ethnography).

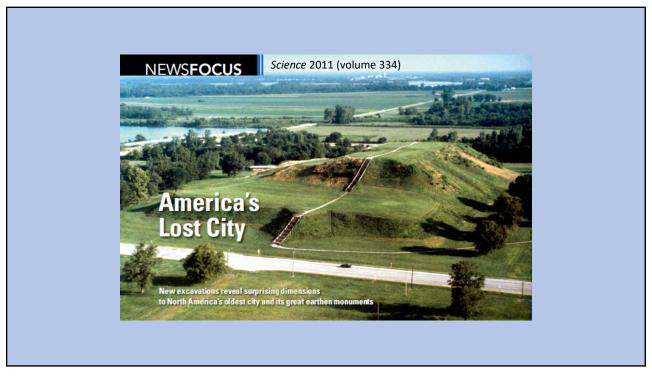


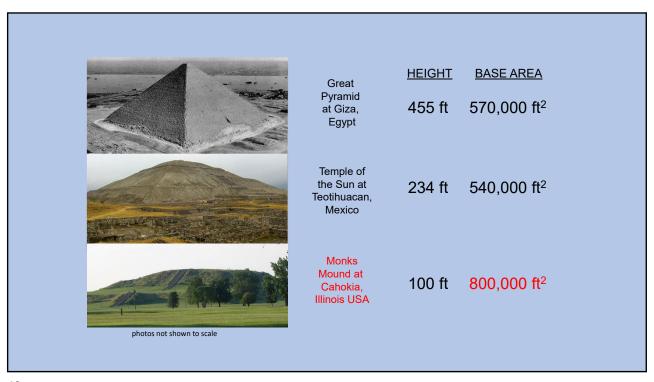
Map of major mound-towns, 11th-16th centuries

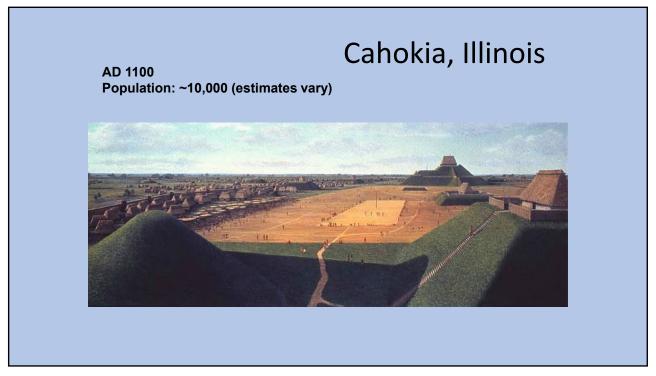












Earliest "Urban" Places Worldwide

Site	Dates	Size	Estimated Population
Uruk, Iraq	3800-3100 BC	550 ha	20,000+
Hierakonpolis, Egypt	3200-3100 BC	300 ha	10,000
Mohengo-Daro, India	2500-1900 BC	250 ha	40,000
Erlitou, China	1900-1500 BC	300 ha	18,000-30,000
Teotihuacan, Mexico	100 BC-AD 600	2,000 ha	100,000
Sipan, Peru	AD 200-800	135 ha	5,000-10,000
Cahokia, USA	AD 1050-1350	1,500 ha	10,000

51

