

The background image shows the ruins of an ancient Greek temple, likely the Temple of Apollo at Delphi. The temple's structure is made of light-colored stone, with several columns still standing. The ruins are set in a dry, hilly landscape under a clear blue sky with a few wispy clouds. In the foreground, there are more stone ruins and a dirt path.

**HISTORICAL ROOTS**

**OF MODERN**

**ARCHAEOLOGY**



# INTEREST IN THE PAST



VS

# SYSTEMATIC STUDY OF THE PAST





**NABONIDUS**



**(556-539 BC)**

# **NABONIDUS**

- ★ **LAST KING OF THE NEO-BABYLONIAN EMPIRE**
- ★ **LED A REVITALIZATION MOVEMENT; REBUILDING ANCIENT TEMPLES & ALIGNING HIMSELF WITH PAST GLORIES**
- ★ **EXCAVATED THE FOUNDATIONS OF MANY OF THESE TEMPLES IN ORDER TO FIND “FOUNDATION DEPOSITS”**



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A close-up photograph of a marble bust of the ancient Greek historian Herodotus. The sculpture depicts an elderly man with a full, curly beard and hair. His eyes are closed, and he has a serene expression. The marble is light-colored with some darker, shadowed areas. The background is a solid, deep red color.

**HERODOTUS**





HALICARNASSUS



# WHY IS HERODOTUS IMPORTANT ?

- ① FIRST WESTERN SCHOLAR TO SYSTEMATICALLY COLLECT MATERIALS
- ② FIRST WESTERN SCHOLAR TO TEST THE ACCURACY OF COLLECTED MATERIALS (TO A CERTAIN EXTENT)
- ③ FIRST WESTERN SCHOLAR TO CONSTRUCT A COMPELLING NARRATIVE

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οὕτως ἐστὶν τὴν ταρίχευσιν κομίζ  
ουσι εἰς ἃ δὲ οἱ ἐκ αὐτῶ τοῦτω  
κατέαται καὶ τέχνην ἔχουσι  
ταύτην οὕτοι ἐπεὶ ἀνσφικον  
ισθῆναι νεκρὸς δεικνύουσι  
τοῖς κομίσασιν παραδείγμα  
τα νεκρῶν ὡς ὕλιν αὐτῆς γραφῆ  
μενιμένα καὶ τὴν μὲν  
τάτην αὐτέων φασί  
εἶναι τοῦ οὐκ ὅσιον ποιῆσαι  
τὸ οὐνομα ἐκ τοιοῦτω πρῆγματι

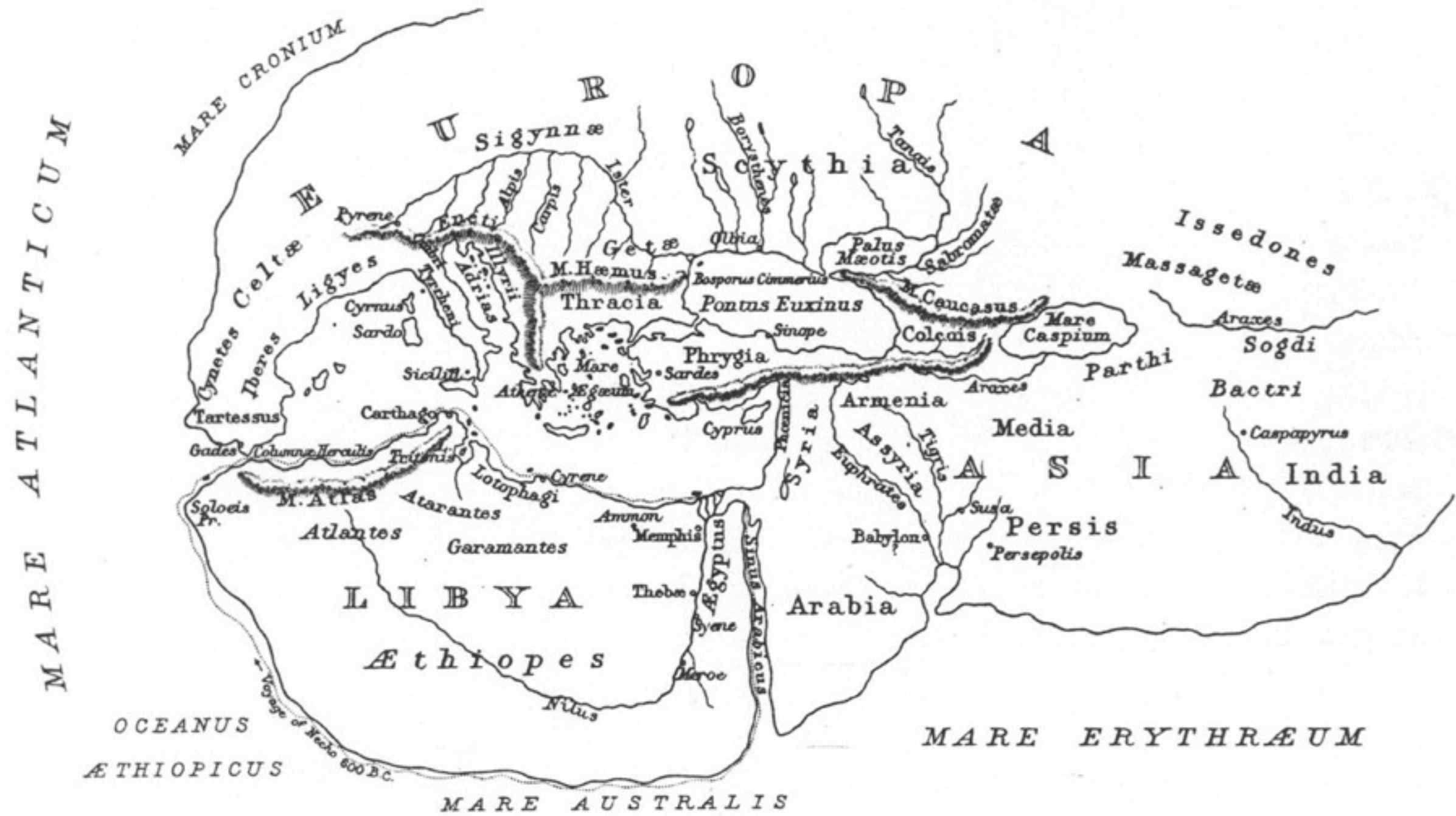
THE HISTORIES



# THE HISTORIES

9 “books,” each (roughly) geographically (and somewhat chronologically) based written between ca. 450 & 420 BC.

## B.C. 450





# PERSEPOLIS





# THE NILE

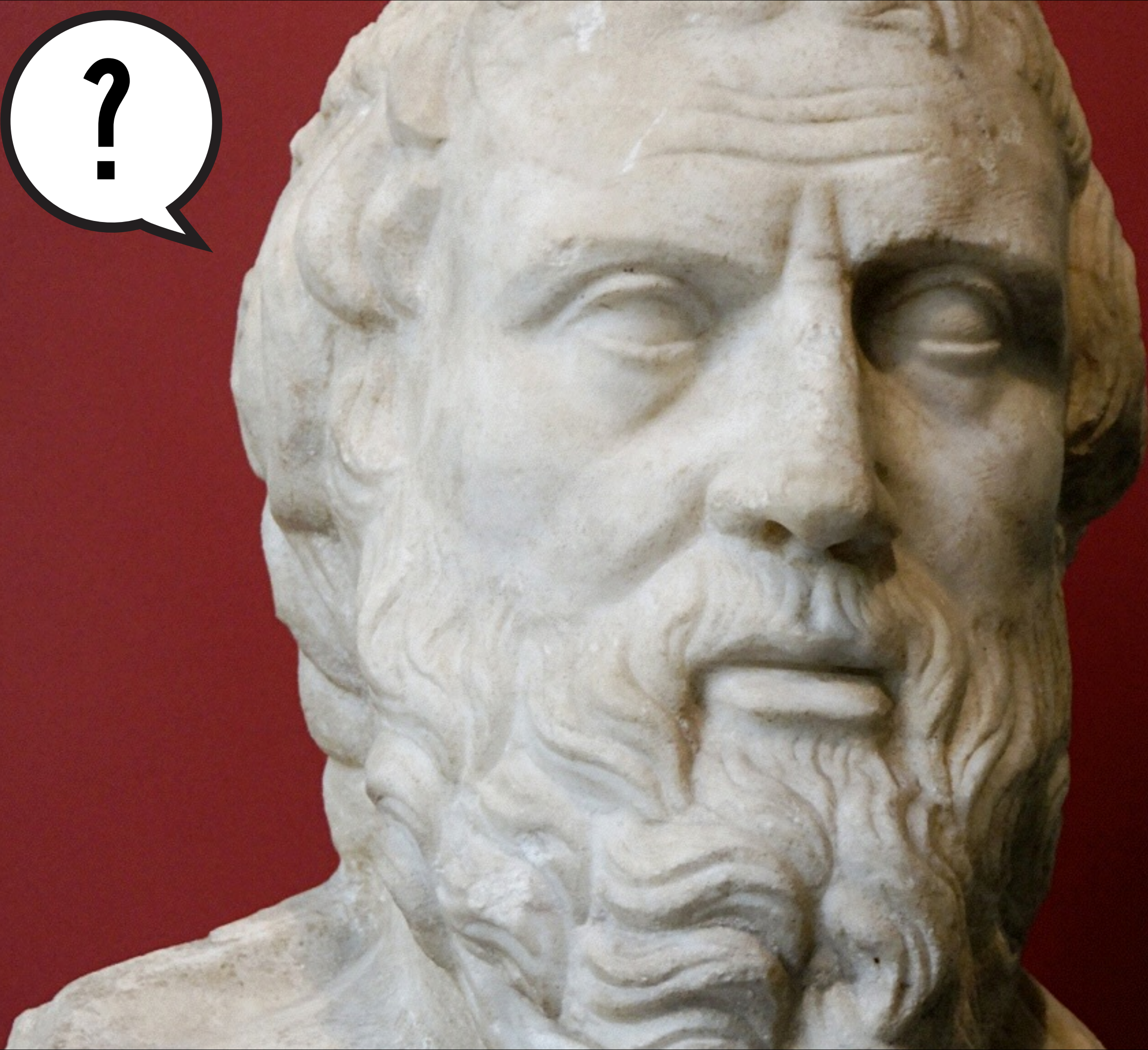




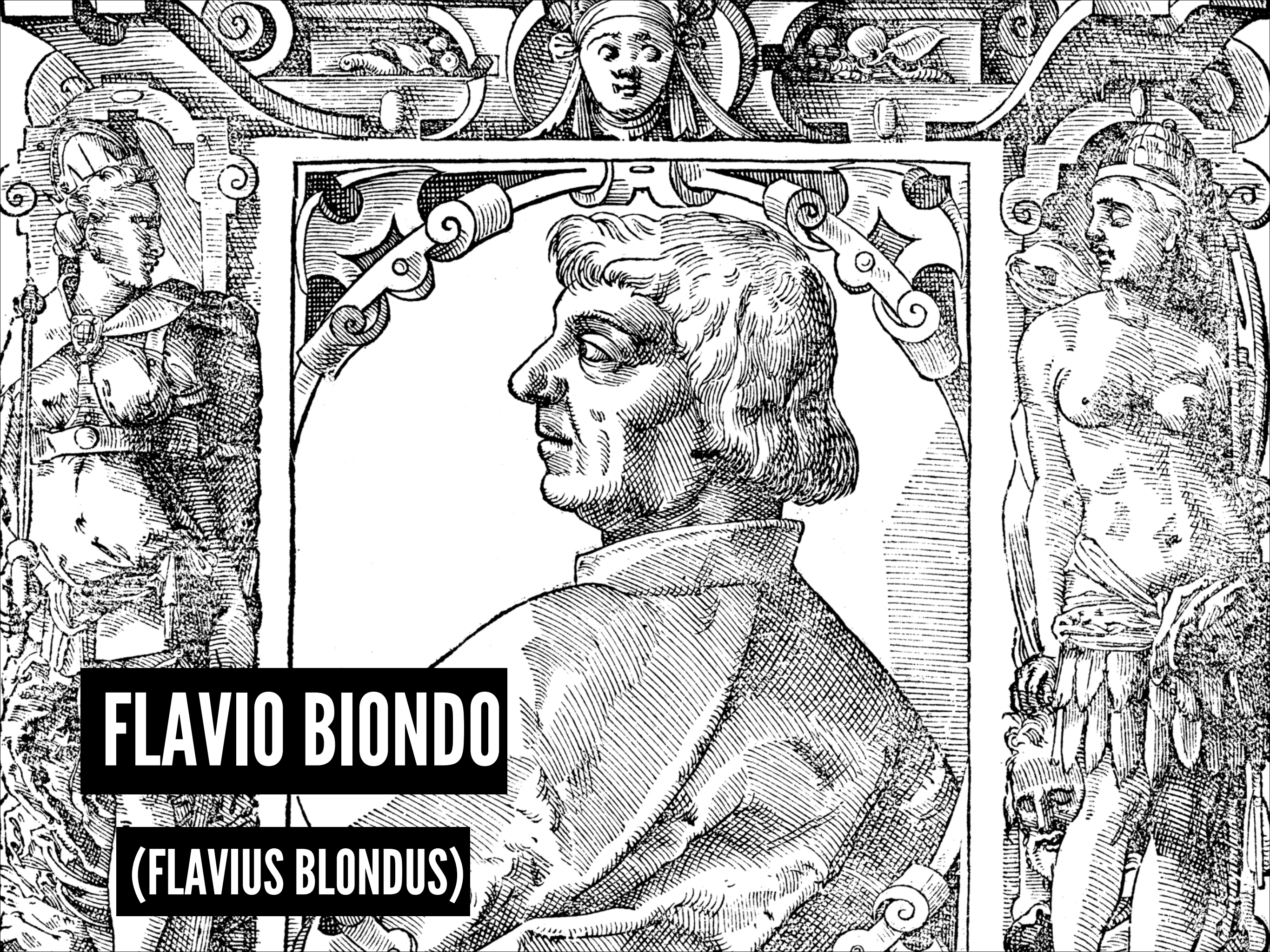


**DELPHI**









**FLAVIO BIONDO**

**(FLAVIUS BLONDUS)**







nunc ruinas tantopere admiranda: cesserunt colom: &  
i agros: suburbanasq; delati: alteram prae vna: que  
esset extra mura: i circuitu construxerunt. Quod n.  
i ortoru magnas descriptione supra dicere omisim?  
cum Orator i edes multis verbis dissuade conatus  
esset: uincit: ne tam sanas domos extructiones  
faceret: addit hos versus. Quid quousq; proximos  
uiculis auri terminas: & ultra limam clientium  
salus anarum: pellitur paternas i sinu ferens deos.  
& uxor & uir sordidosq; natos.

## DE TERMIS DIOCLITIANIS.

**Q**UAM multos & i agros suburbanasq;  
compulsi credamus: siue honesta nati  
loco: siue plebeios & rusticos. Dioclitia-  
nu i patrem ut scimas i exquilis edi-  
ficant: quas nunc barbari victores iratiq; nec uetus-  
tas: nec improba manus eoru: qui lapides ac mar-  
mora i alias ul' archididissimas extructiones asporta-  
runt: ita p' annos mille & supra centu XXX. post re-  
nam i peru inclinationem: demoliri potuerunt: ut  
non mirabile & nunc exet edificiu: & tale: cui  
quatuor simul maiora q' nunc ht alibi italia p'ncipi  
uicinu palatia: magnitudine & opus i simplicitate  
nullatenus sint equipanda. Nec tu satis scimus:  
si Tribellius pollio recte opinatus erit: q' i XXX

hominoru q' dicitur: de p'pore h' dicit: quadrigas  
vni sunt statui: ex maiore fuisse: ubi p'pore dicit  
clitiani terme st' edificate: tam etem nominis i  
sacra. Ipsi i dioclitiani terminis: eccl'ia est nunc p'  
ne destructa sancti Cyriaci: que cardinalatus est  
titulus. fuitq; apud p'pore i p'pore i p'pore  
dedicata ad Cyriacum ac sociu christi martiris  
honorem: quos ipsaru adhibitor p'pore edificatos  
cum Maximianus i dioclitiano Cesar ductus: p'  
festu christi dicitur: dicitur celebrare uideret: quosdam  
subretos & idola spementes: occidit. S' dicenda  
de terminis que multa sunt: i hunc libru congre-  
nimus fuerit. Ea igitur i aliud uolumine ducimus  
reseruanda.

## EXPLICIT ROME INSTA- VRATE LIBER PRIMVS.

**DE ROMA INSTAURATA**

**ROME RESTORED**

**1444-1446; 3 VOLS**



# ASSASSIN'S CREED BROTHERHOOD™





**CIRIACO DE'**

**PIZZICOLLI**



(1391-1453/55)

# CIRIACO DE' PIZZICOLLI

- ★ ITALIAN HUMANIST AND ANTIQUARIAN
- ★ TRAVELED EXTENSIVELY THROUGHOUT THE EASTERN MEDITERRANEAN DOCUMENTING ARCHAEOLOGICAL SITES
- ★ HIS OBSERVATIONS RECORDED IN 6 VOLUME COMMENTARIA

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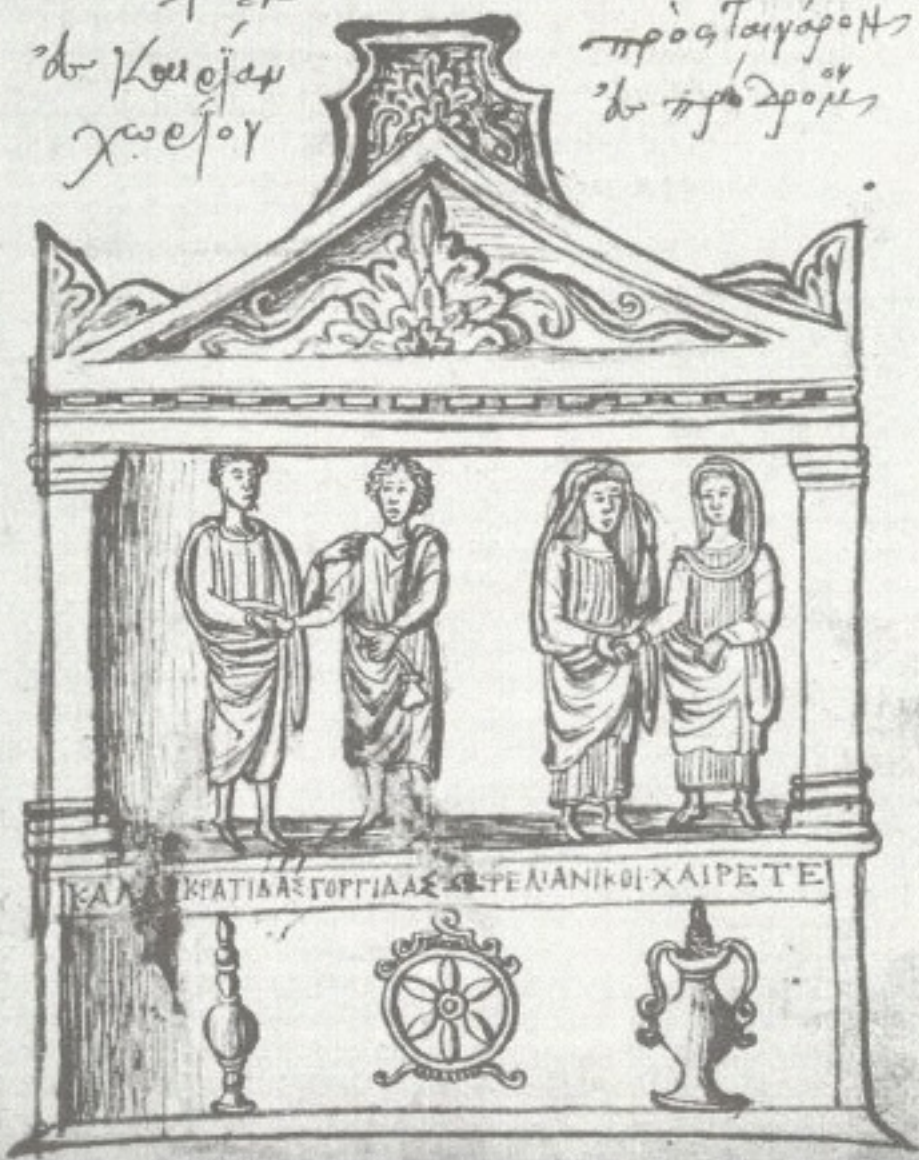
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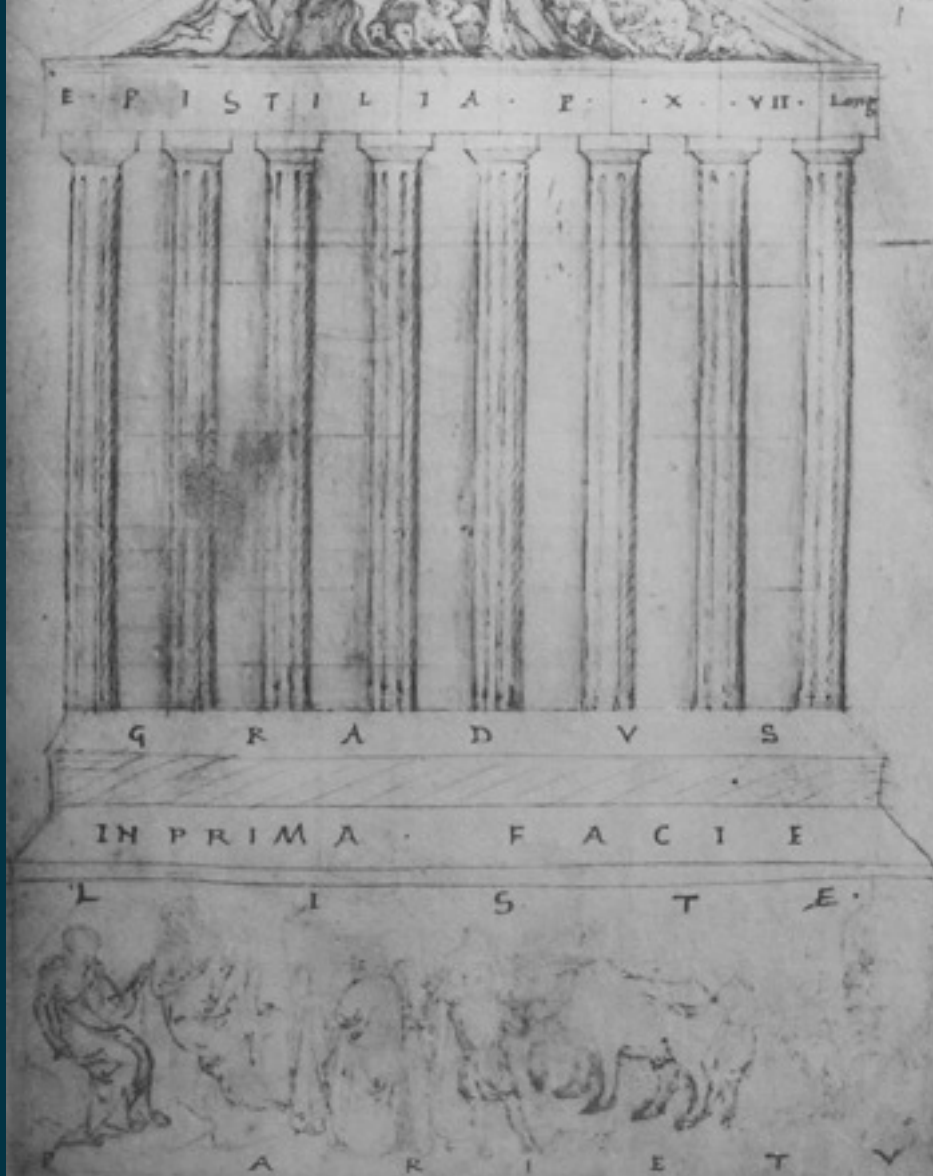


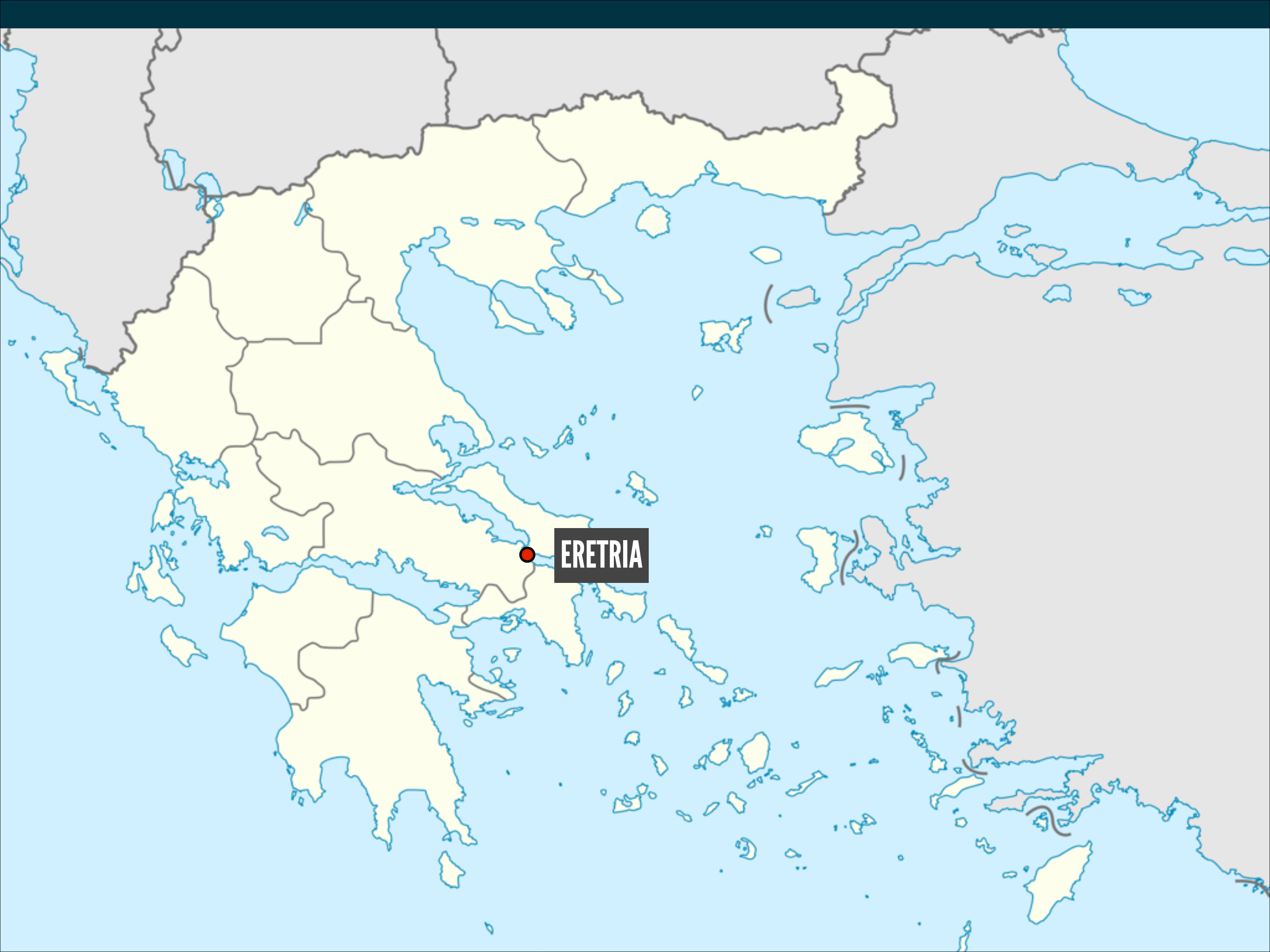
Ad postera uo die, una eode Rossea  
 nauta Comitante, ad x stadia proxima  
 villa Kairian noie, in e de baptiste  
 ss. precuriori sacra antiqua  
 & imaginibz ornata Comperimus  
 aram ad eadez ede aposteris. ex  
 antiq opibz ornamento deductam.

ἡ Κουρία  
 χωροῦ  
 πρὸς τὸν ἁγίον  
 ἡ τοῦ ἁγίου



Ex quod magis adnotari placuit. Exstat in Summ<sup>a</sup> ciuitatis Arce Ingens  
 & mirabile palladis diuac marmoreum templum & phidia. diuum  
 quippe opus quod. LVIII. sublimis colannis. Latitudinis. p. VII. diame-  
 trum habens ornatisimum. preclaris imaginibus in frontespiciis  
 Ambobus & intus in summis parietum listis  
 ac epistiliis ab extra q<sup>ue</sup> & centaurorum  
 pugna mira fabrefactoris arte  
 CO N S P I C I T U R.









**ERETRIA**



**ANTIQUARIANISM**



# ANTIQUARIANISM

interest in (and collection of) ancient objects of art or science, archaeological and historic sites, or historic archives and manuscripts.





RITRATTO DEL MUSEO DI  
FERRANTE IMPERATO







# SHIFT TO NATIONALISM



**GIOVANNI BELZONI**



**(1778-1823)**

# **GIOVANNI BATTISTA BELZONI**

- ★ **CIRCUS STRONGMAN & AMATEUR ENGINEER**
- ★ **HIRED BY HENRY SALT, THE BRITISH CONSUL TO EGYPT, TO  
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# TEMPLE OF EDFU



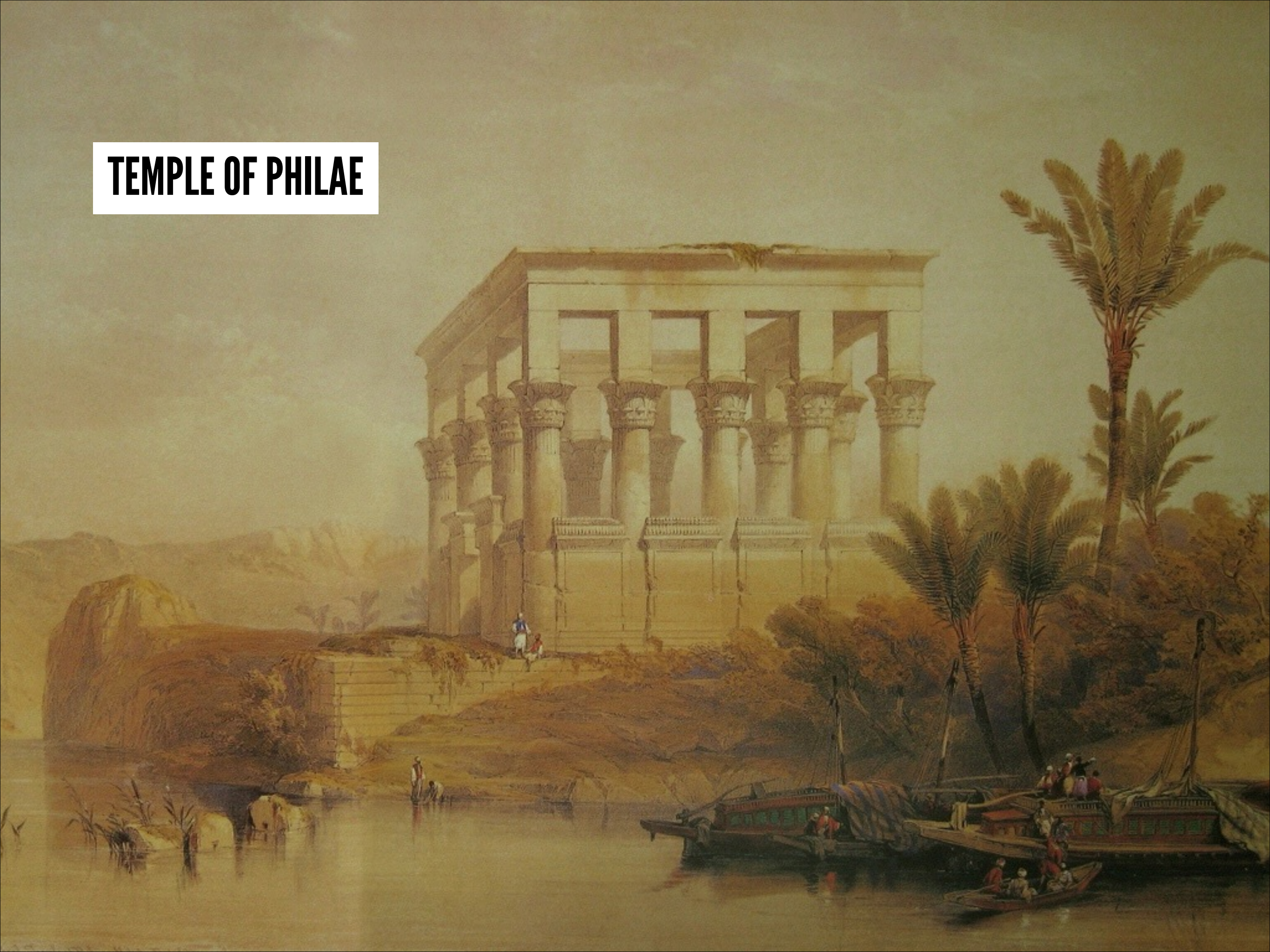


# TEMPLE OF EDFU





# TEMPLE OF PHILAE





# TEMPLE OF PHILAE



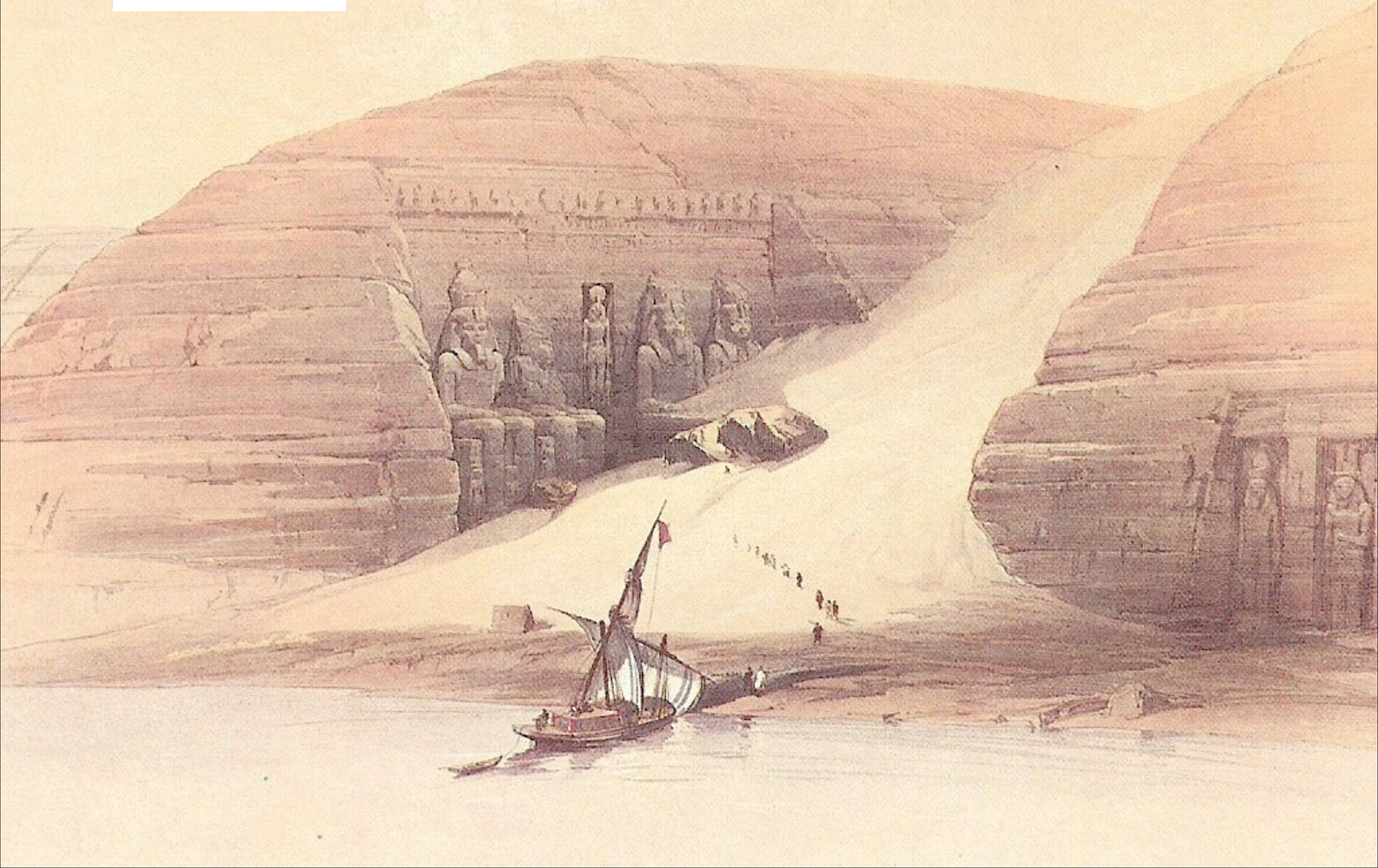


# TEMPLE OF PHILAE





# ABU SIMBEL

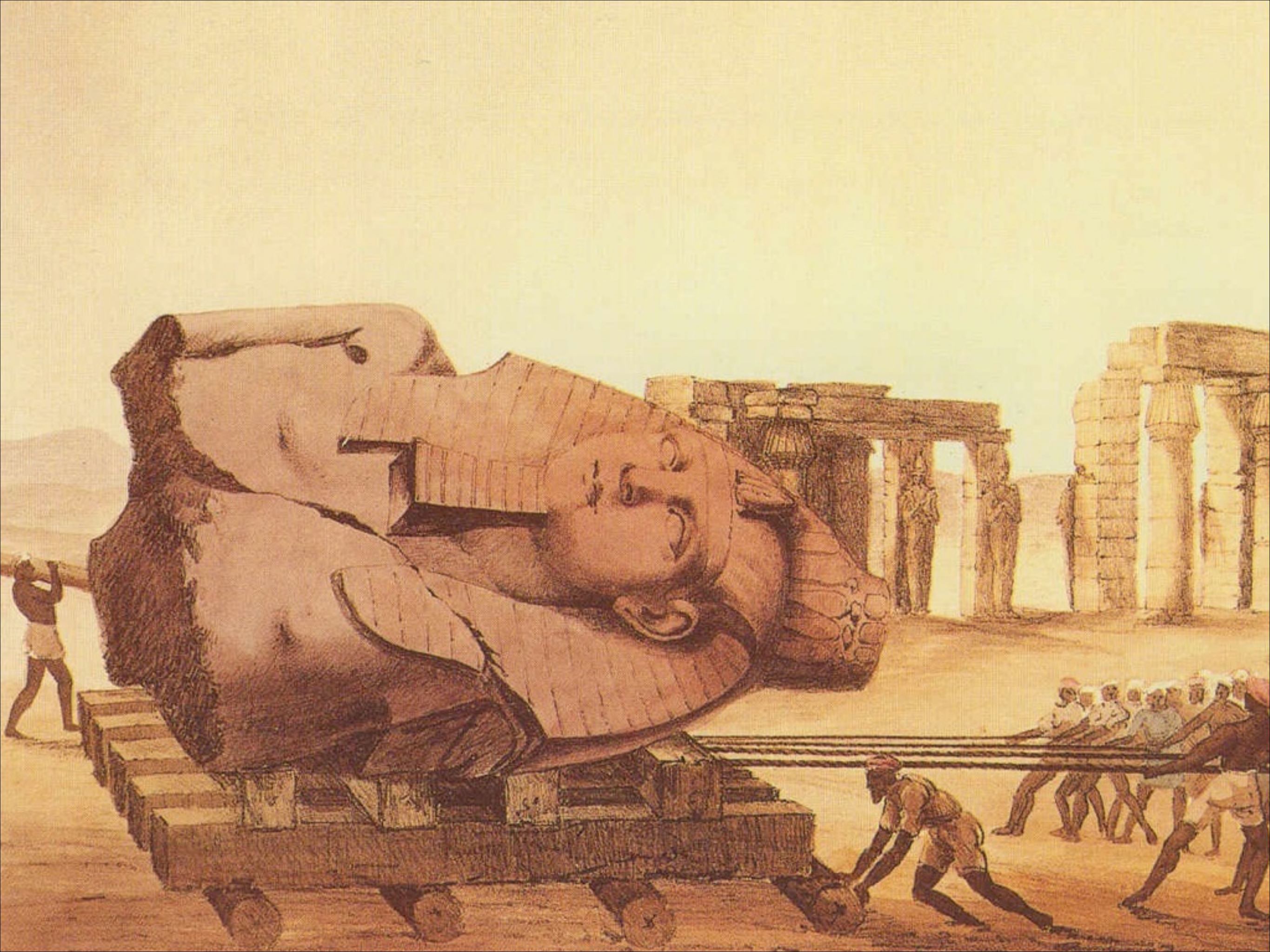




# ABU SIMBEL















**PYRAMID OF KHUFU**





Drum & B...



Scoperia da G. Belzoni



A photograph of the British Museum's neoclassical facade, featuring a long portico with tall columns and a triangular pediment with sculptures. A Union Jack flag flies on a tall pole in the background under a clear blue sky.

**ARCHAEOLOGY**

**AND THE**

**MUSEUM**





MUSEI  
WORMIANI  
HISTORIA  
LUGD· BATAVORUM  
EX OFFICINA ELSEVIRIANA  
*Adriaensz. del.*



# BRITISH MUSEUM



10736. - LONDON BRITISH MUSEUM.



# JAMES USHER





# 1650

*Annales Veteris Testamenti, a prima mundi origine deducti, una cum rerum Asiaticarum et Aegyptiacarum chronico, a temporis historici principio usque ad Maccabaicorum initia producto.*

("Annals of the Old Testament, deduced from the first origins of the world, the chronicle of Asiatic and Egyptian matters together produced from the beginning of historical time up to the beginnings of Maccabees")



**23 OCTOBER**

**4004 BC**

**(a Sunday, just in case you wanted to know)**



**WHY IS THIS AN  
ISSUE?**

**(FOR ARCHAEOLOGY)**

















**BOUCHER DE PERTHES**



(1788 –1868)

# BOUCHER DE PERTHES

- ★ LEISURE TIME SPENT STUDYING ARCHAEOLOGY & PALEONTOLOGY OF SOMME AREA OF FRANCE
- ★ *ANTIQUITÉS CELTIQUES ET ANTÉDILUVIENNES* (1847)
- ★ ESTABLISHED A MUCH DEEPER SENSE OF TIME - COUNTER TO USHER CHRONOLOGY



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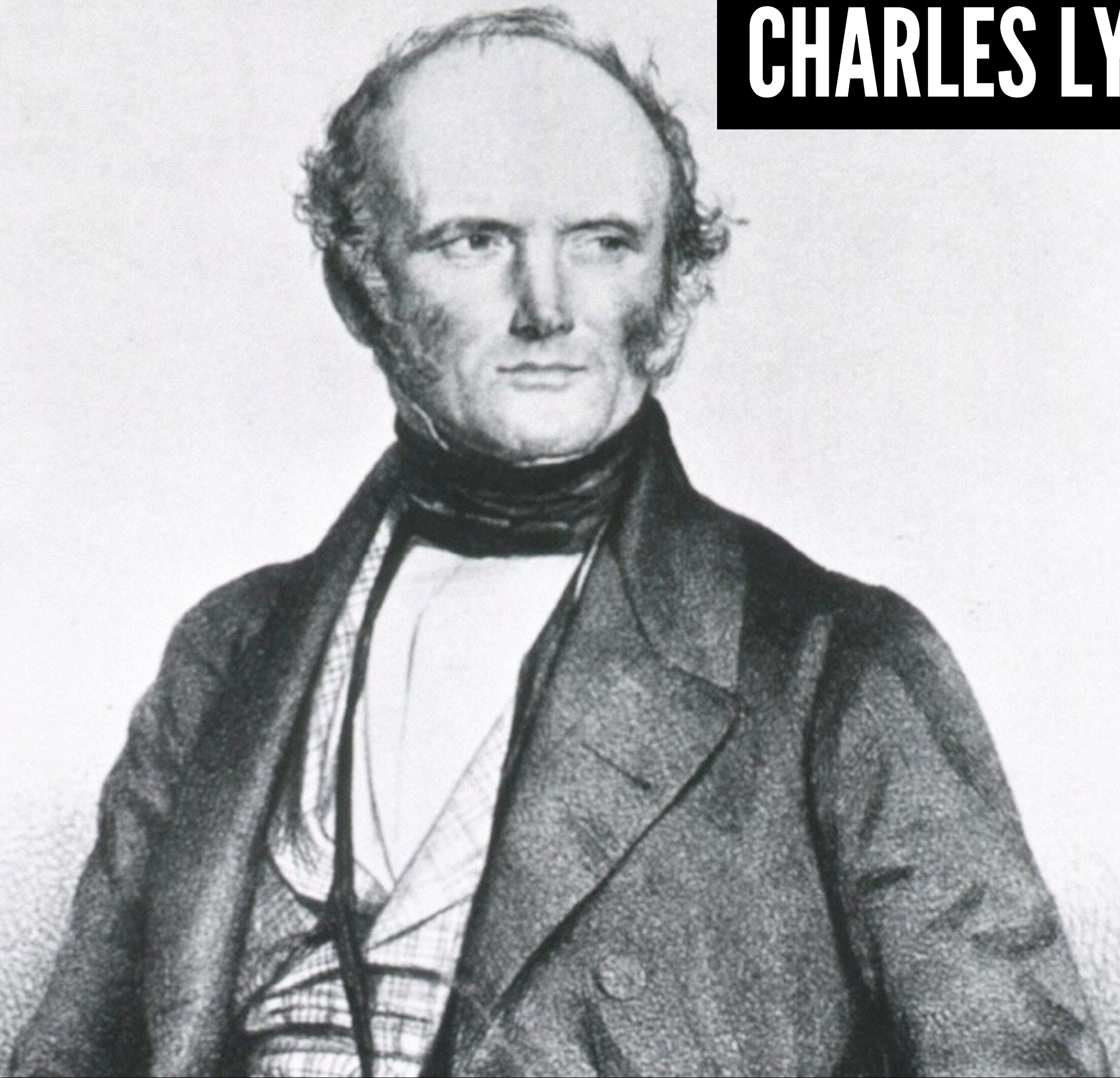
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**CHARLES LYELL**

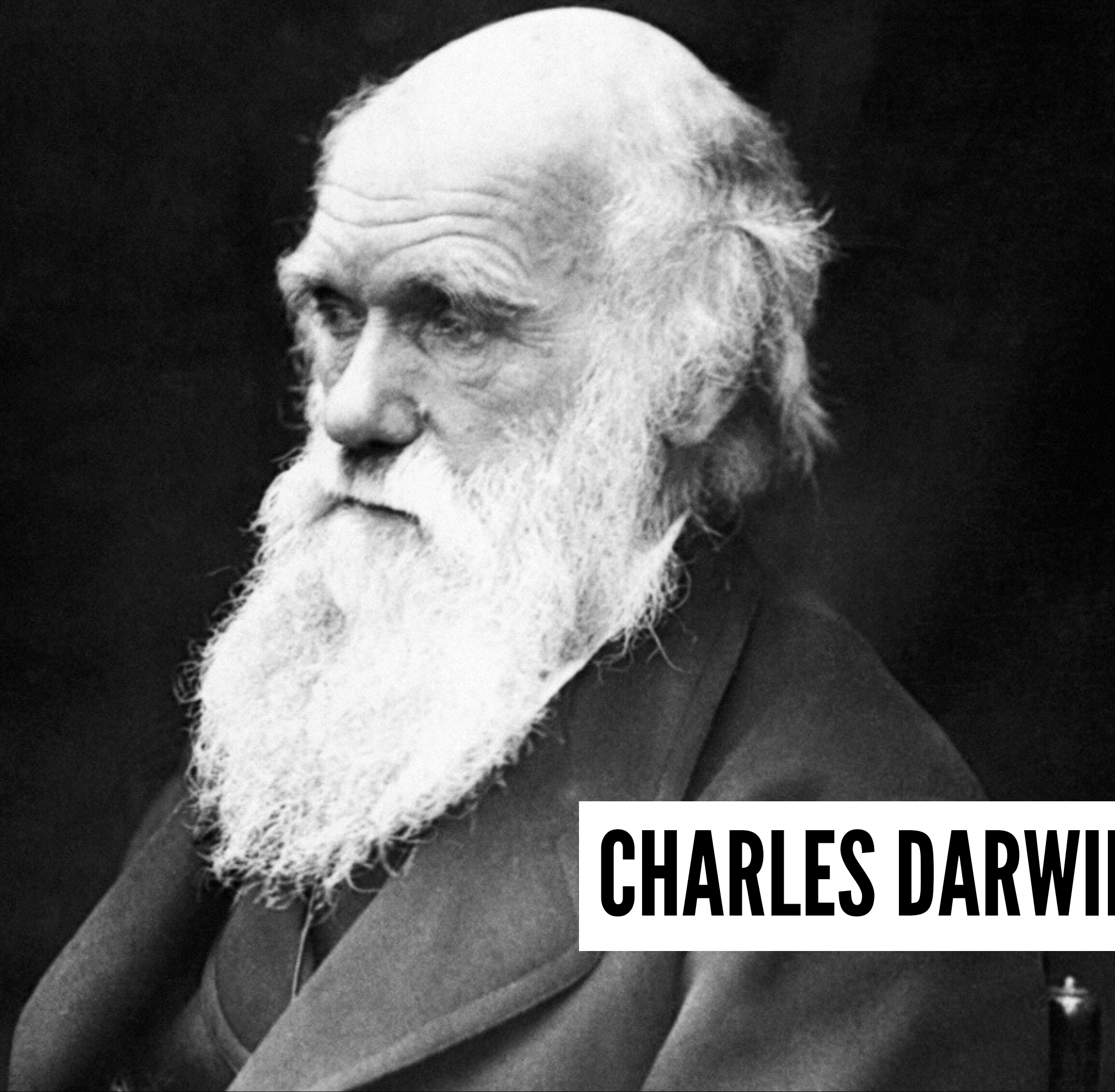




# UNIFORMITARIANISM

The idea that the same natural laws operate today as in the past; the earth was shaped entirely by slow-moving forces still in operation today, acting over a very long period of time





**CHARLES DARWIN**



# THE ORIGIN OF SPECIES

BY MEANS OF NATURAL SELECTION,

OR THE

PRESERVATION OF FAVOURED RACES IN THE STRUGGLE  
FOR LIFE.

By CHARLES DARWIN, M.A.,

FELLOW OF THE ROYAL, GEOLOGICAL, LINNÆAN, ETC., SOCIETIES;  
AUTHOR OF 'JOURNAL OF RESEARCHES DURING H. M. S. BEAGLE'S VOYAGE  
ROUND THE WORLD.'



**SO WHAT?**



# CULTURAL EVOLUTIONISM



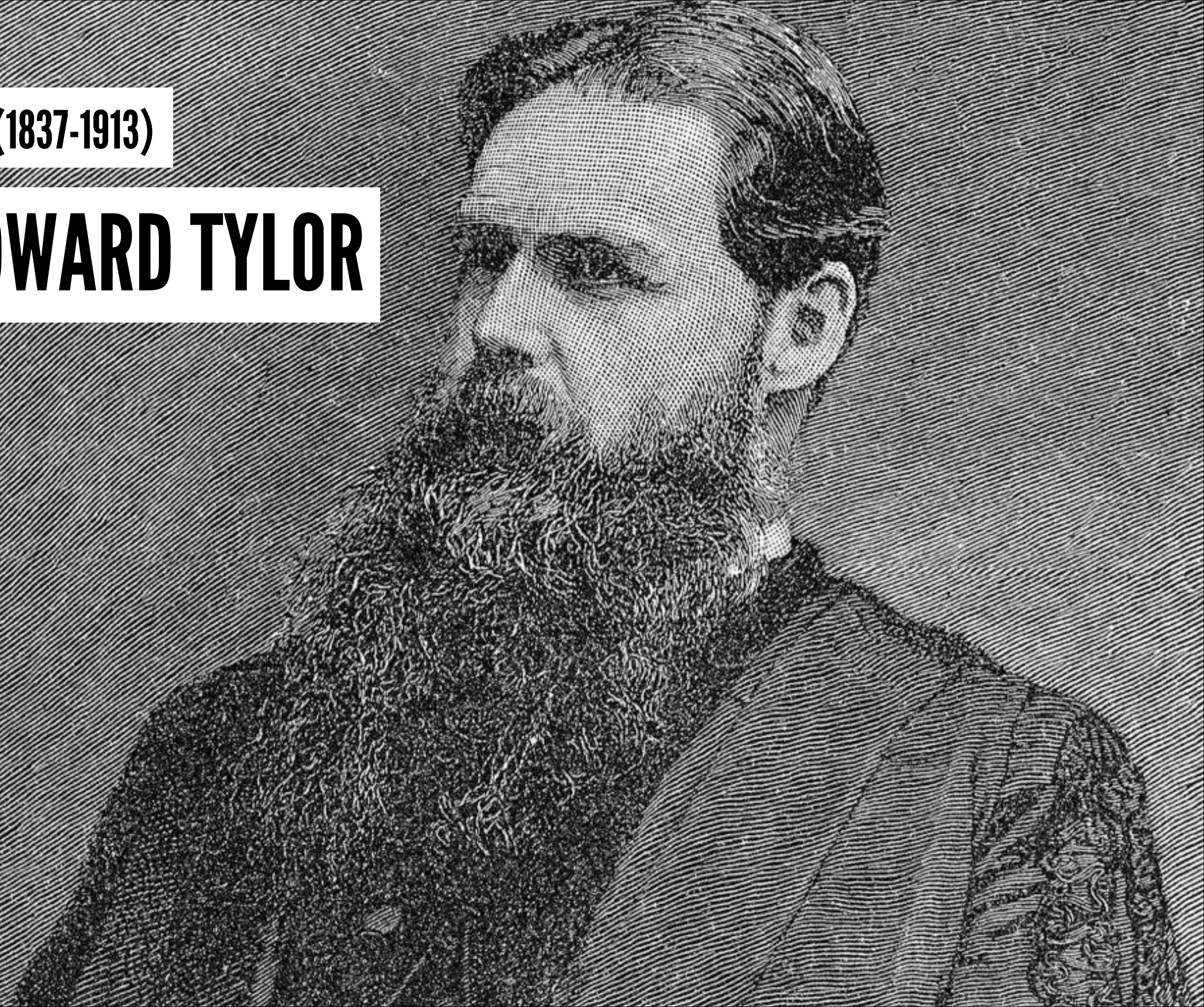
# CULTURAL EVOLUTIONISM

The idea that all societies progress through an identical series of distinct (possibly identical) evolutionary stages



**(1837-1913)**

**EDWARD TYLOR**







**Proposed that human cultures developed through three basic stages, savagery, barbarism, and civilization**

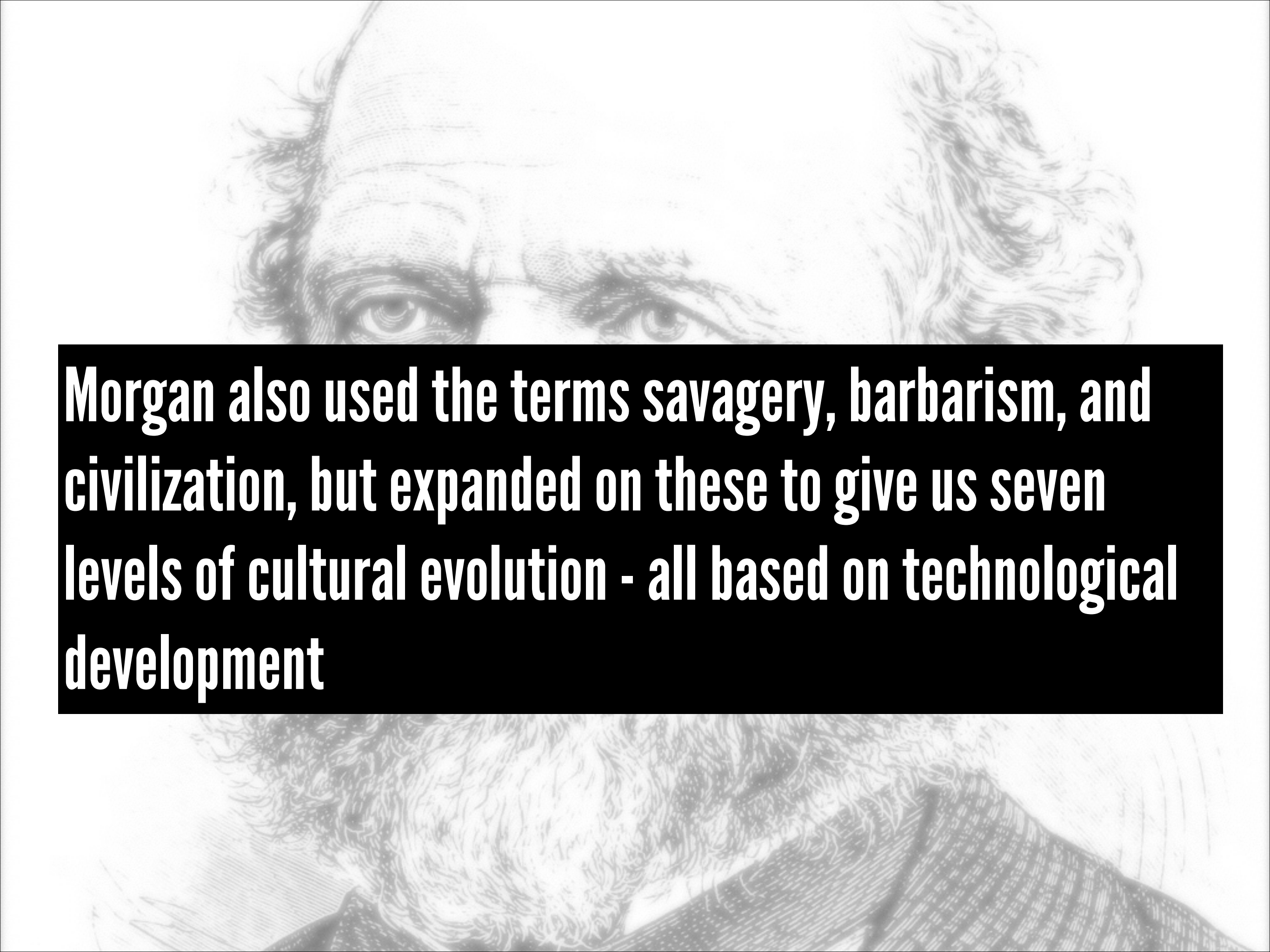




# LEWIS HENRY MORGAN

(1818-1881)





**Morgan also used the terms savagery, barbarism, and civilization, but expanded on these to give us seven levels of cultural evolution - all based on technological development**



A portrait of Christian Jürgensen Thomsen, a middle-aged man with dark, slightly wavy hair, looking directly at the camera with a neutral expression. He is wearing a dark jacket over a white shirt with a high collar. The background is dark and textured.

**CHRISTIAN JÜRGENSEN THOMSEN**



(1788 –1865)

# CHRISTIAN JÜRGENSEN THOMSEN

- ★ DANISH ARCHAEOLOGIST & HEAD ANTIQUARIAN FOR THE NATIONAL MUSEUM OF DENMARK
- ★ WHILE PREPARING MATERIALS FOR PRESENTATION IN THE MUSEUM, HE DEVELOPED THE THREE AGE SYSTEM



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**① STONE AGE**

**② BRONZE AGE**

**③ IRON AGE**



# STONE AGE





# BRONZE AGE







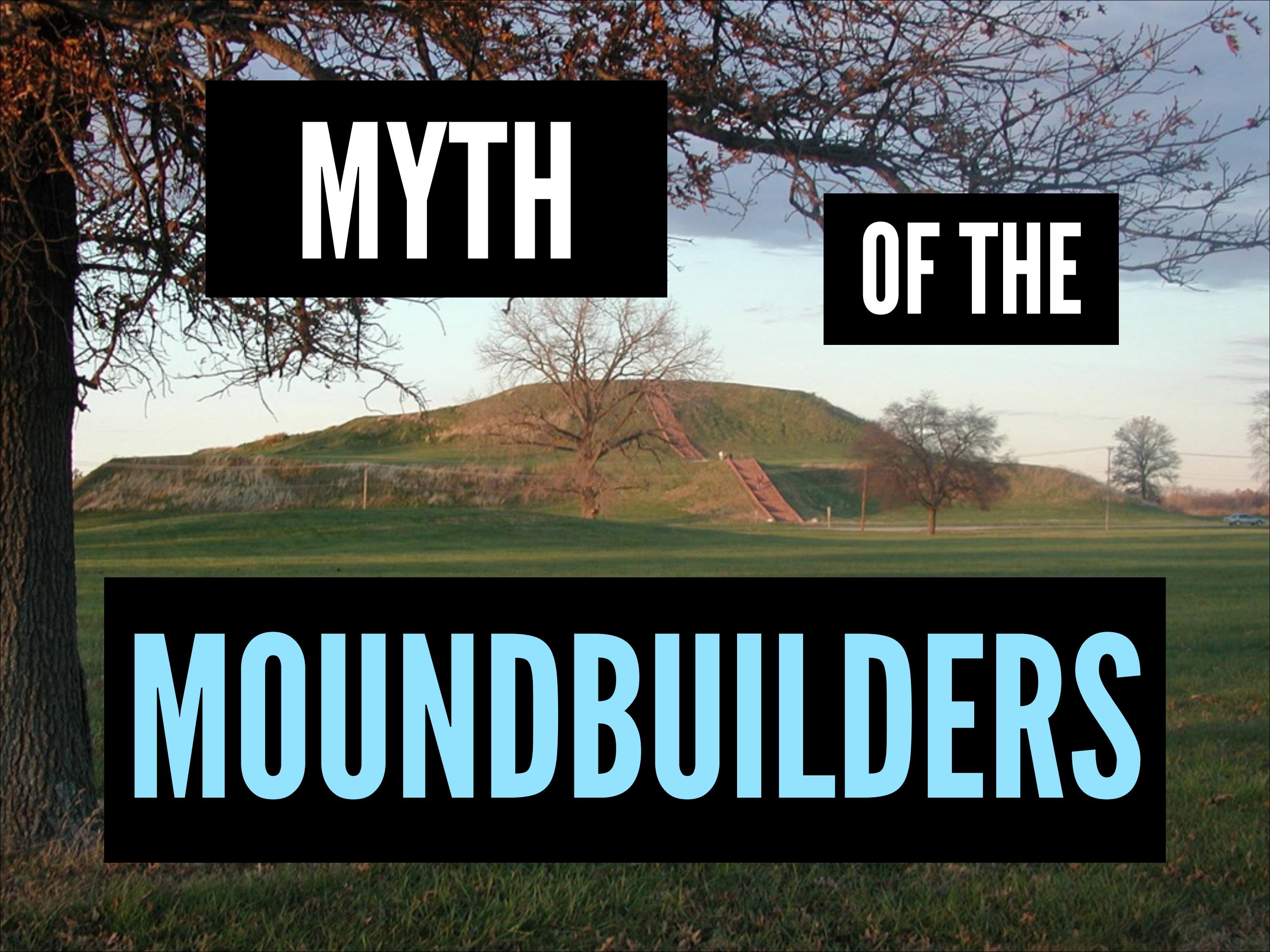
**IRON AGE**



**WHAT IS HAPPENING  
ACROSS THE POND?**

**(IN NORTH AMERICA)**



A photograph of a grassy mound, likely an archaeological site, with a dirt path leading up to it. The scene is framed by trees and a sky with some clouds. The text "MYTH" is overlaid in a black box.

**MYTH**

**OF THE**

**MOUNDBUILDERS**











# MOUNDS





































**WOODHENGE**



**PARK**

44

91



43

**B**

42



76



75



74



58



**PICNIC AREA**

48



57

**GRAND PLAZA**

56



49



54



50



51



**PARK**



**STOCKADE**

37



36



5



40 55 70

**SAND PRAIRIE LN.**

**COLLINSVILLE RD.**

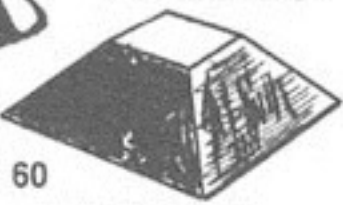
**RAMEY ST.**



**MONKS MOUND**

**TWIN MOUNDS**

59



60

**STOCKADE**



**BORROW PIT**

72



94



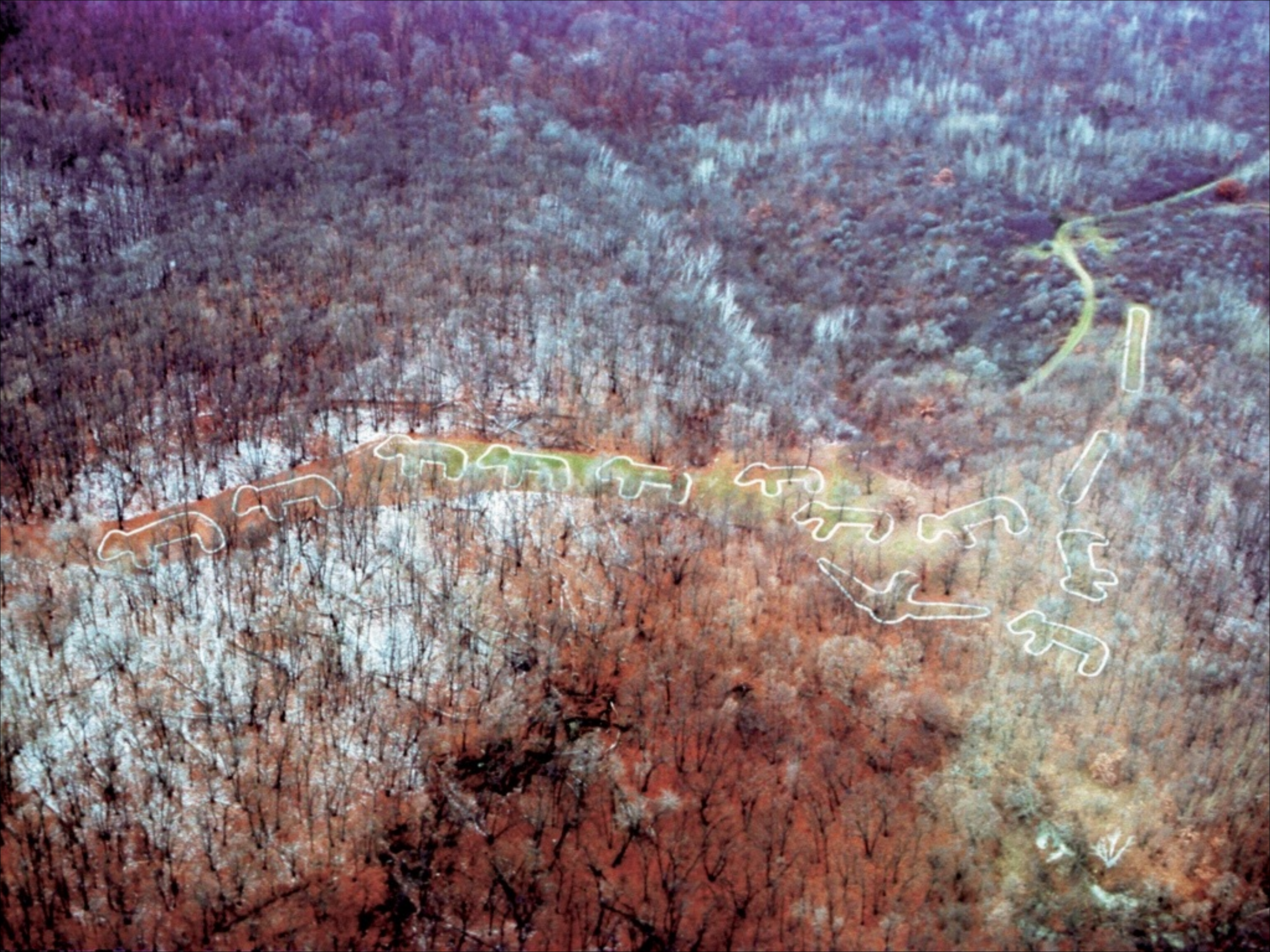








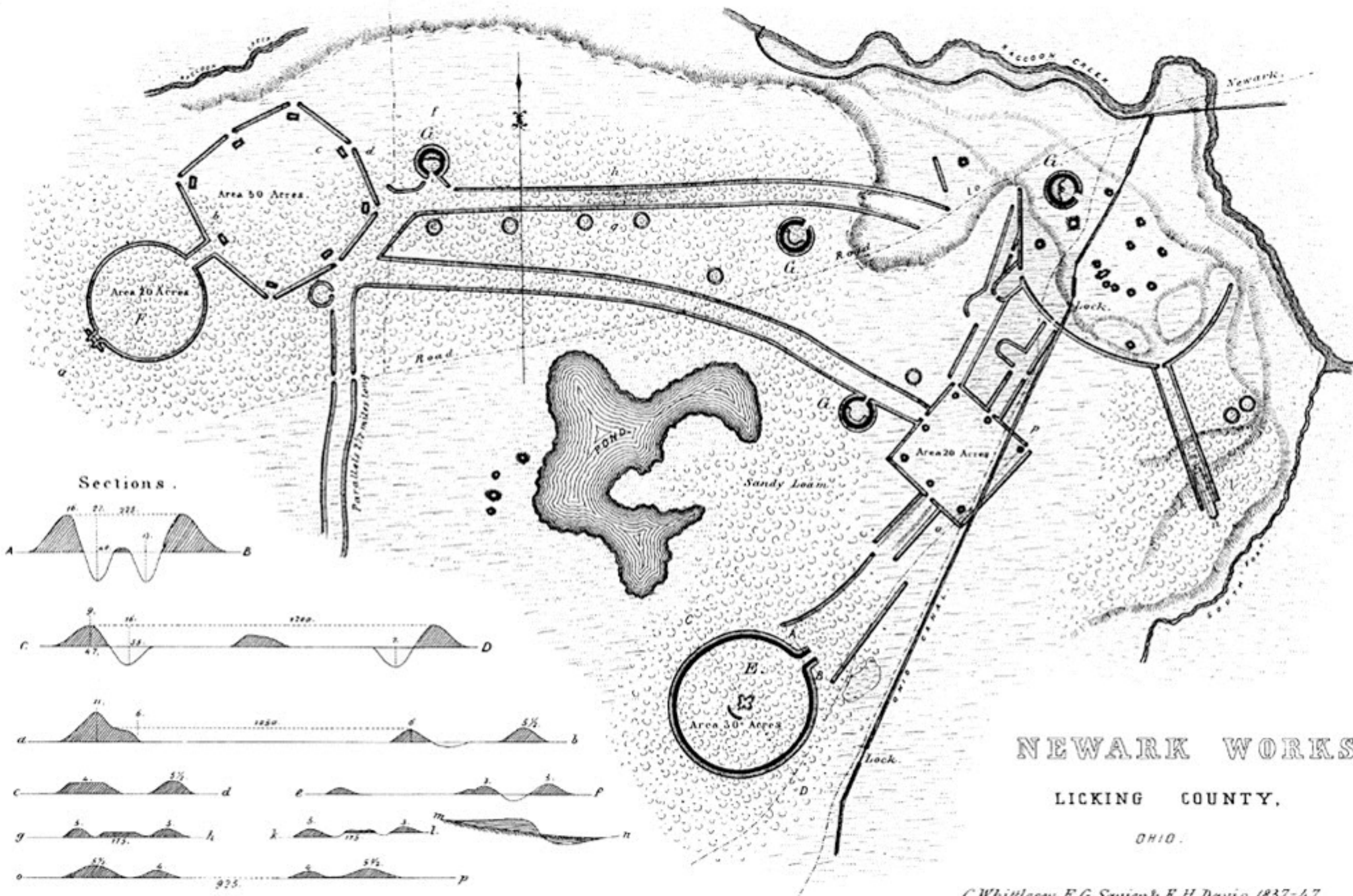
















# MOUNDBUILDER

# ARTIFACTS

















Brought to life  
in CAHOXIA  
PISTE XIX  
Coll. Titterton  
Co. Ill.

















Painted Ceramic Bottle, found at Moundville, circa AD 1300-1450. This style originated in the Tennessee Valley.



Incised Ceramic Bottle, created in the Caddoan style. Found at Moundville, circa AD 1300-1450. The Caddoan style originated in Western Louisiana and Eastern Texas.

#### **MOUNDVILLE'S CONTACT WITH OTHER MISSISSIPPIAN SITES**

Interestingly, Moundville and other





























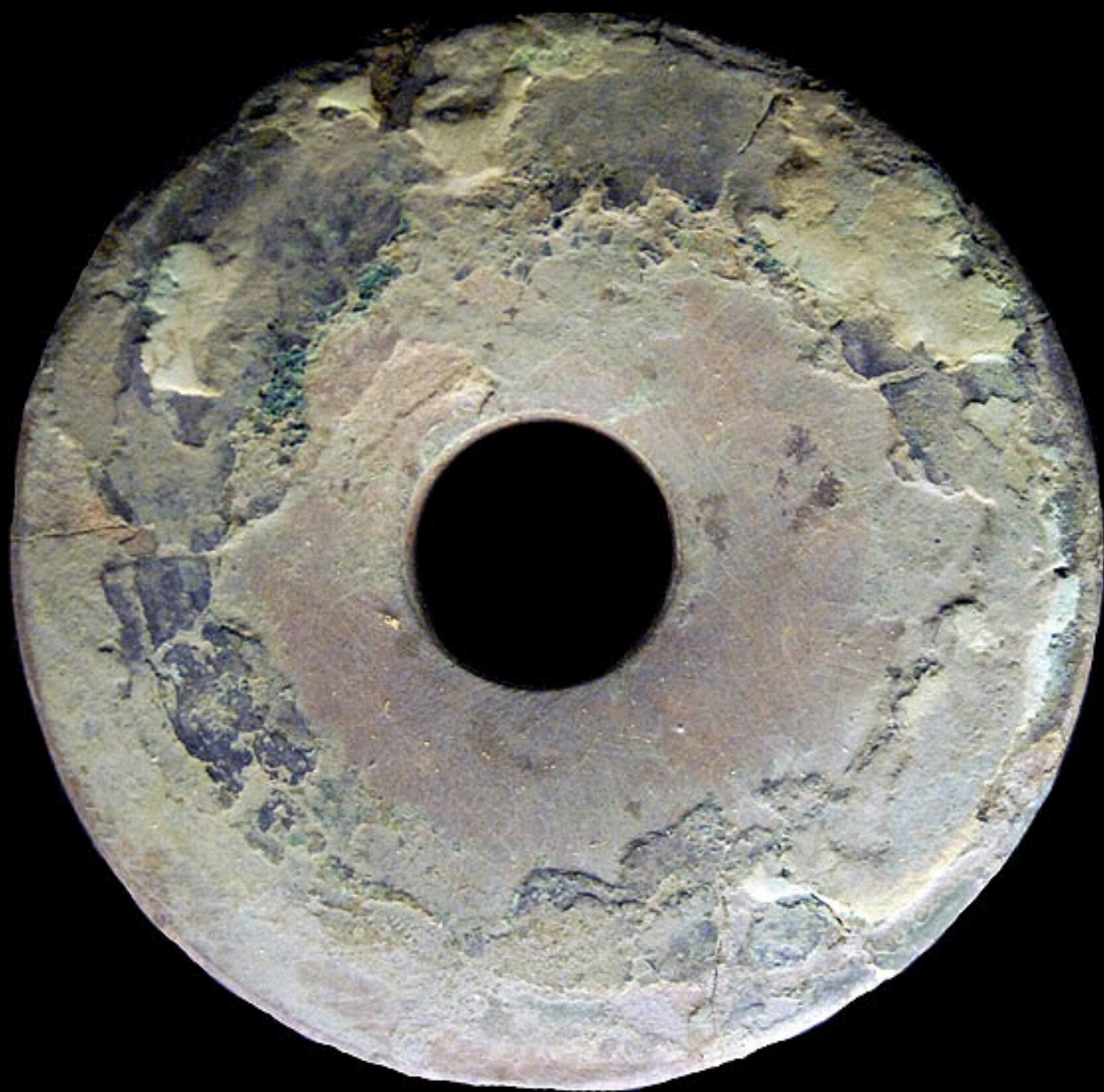
























**WHO?**



**MYTH**  
**OF THE**  
**VANISHED**  
**RACE**



1

First Nations peoples were too primitive to have built the mounds and produced the beautiful stone, metal, and ceramic artifacts attributed to the moundbuilders.



*"He was never known voluntarily to engage in an enterprise requiring methodological labor; he dwells in temporary and movable habitations, he follows the game in their migrations. To suppose that such a race threw up the symmetrical mounds which crown so many of our river terraces is as preposterous, almost, as to suppose that they built the pyramids in Egypt."*

*J.W. Foster, President of the Chicago Academy of Sciences (1873)*



*"It is absurd to suppose a relationship or connection between the original barbarism of these Indians and the civilization of the moundbuilders"*

*J.D. Baldwin, Ancient America (1894)*



2

The mounds and associated artifacts were much more ancient than even the earliest remnants of First Nations culture



*"Indian antiquities are always either on, or a very small distance below the surface, unless buries in some grave; whilst articles evidently belonging to that people who raised our mounds, are frequently found many feet below the surface, especially in river bottoms."*

*Caleb Atwater, Antiquities Discovered in the Western States (1820)*

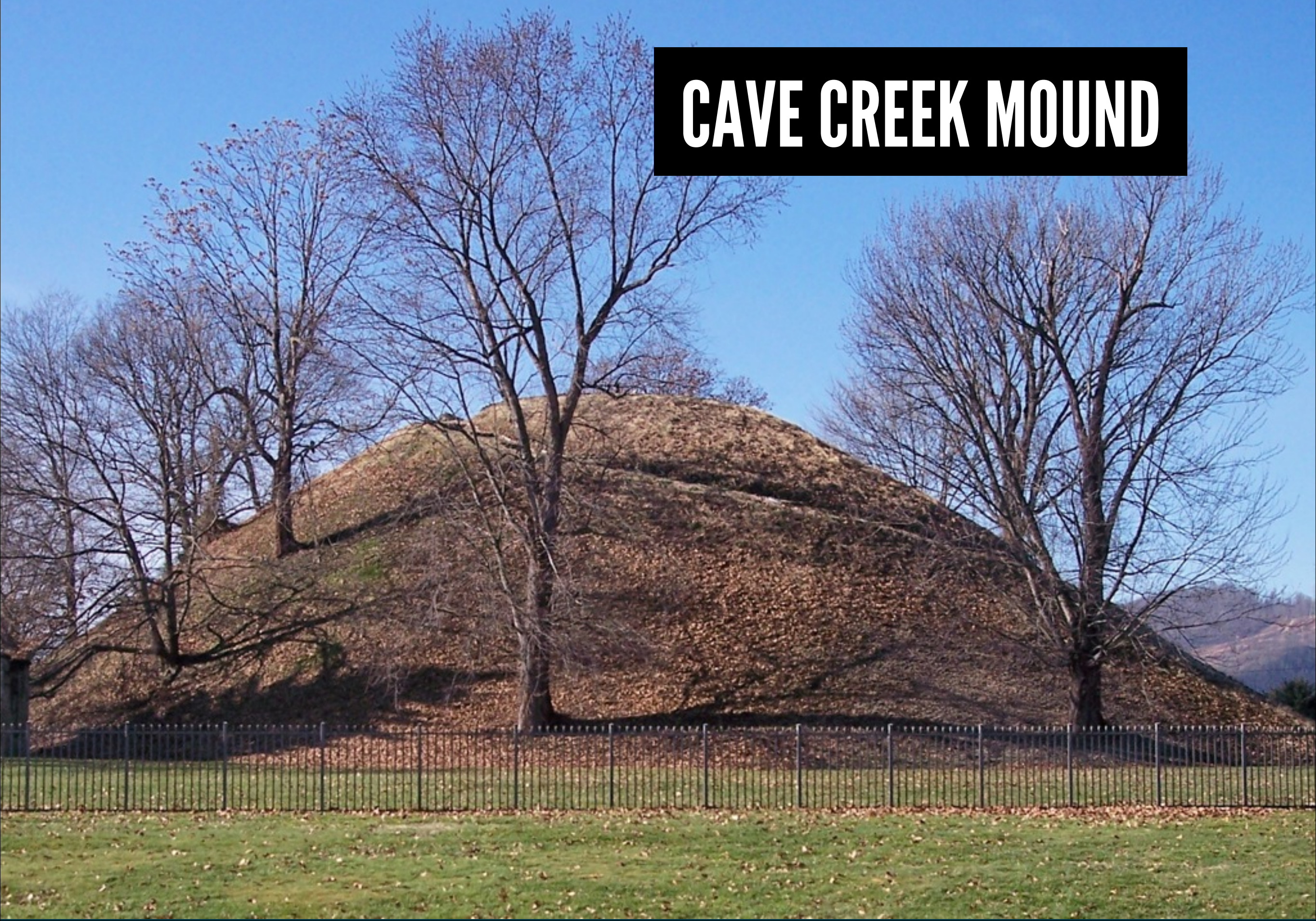


3

Stone tablets had been found in the mounds that bore supposed inscriptions in European, Asian, or African alphabets



# CAVE CREEK MOUND







**GRAVE CREEK MOUND STONE**





**NEWARK EARTHWORK**





















**BAT CREEK INSCRIPTION**





**COOK FARM MOUND TABLET**



# 4

First Nations peoples were not building mounds when first contacted by European explorers and settlers. When asked who made the mounds, they professed complete ignorance



*"...all the tribes uniformly say that when their ancestors arrived in the West, in order to settle in seclusion, they found the ruins there such as we see them today"*

*François, René Vicomte de Chateaubriand (1801)*



5

Metal artifacts made of iron, silver, ore-derived copper, and various alloys had been found in the mounds











**Vikings**

**Egyptians**

**Israelites**

**Greeks**

**Chinese**

**Polynesians**

**Welsh**

**Phoenicians**

**Tartars**

**Saxons**

**Africans**

**Mexicans**

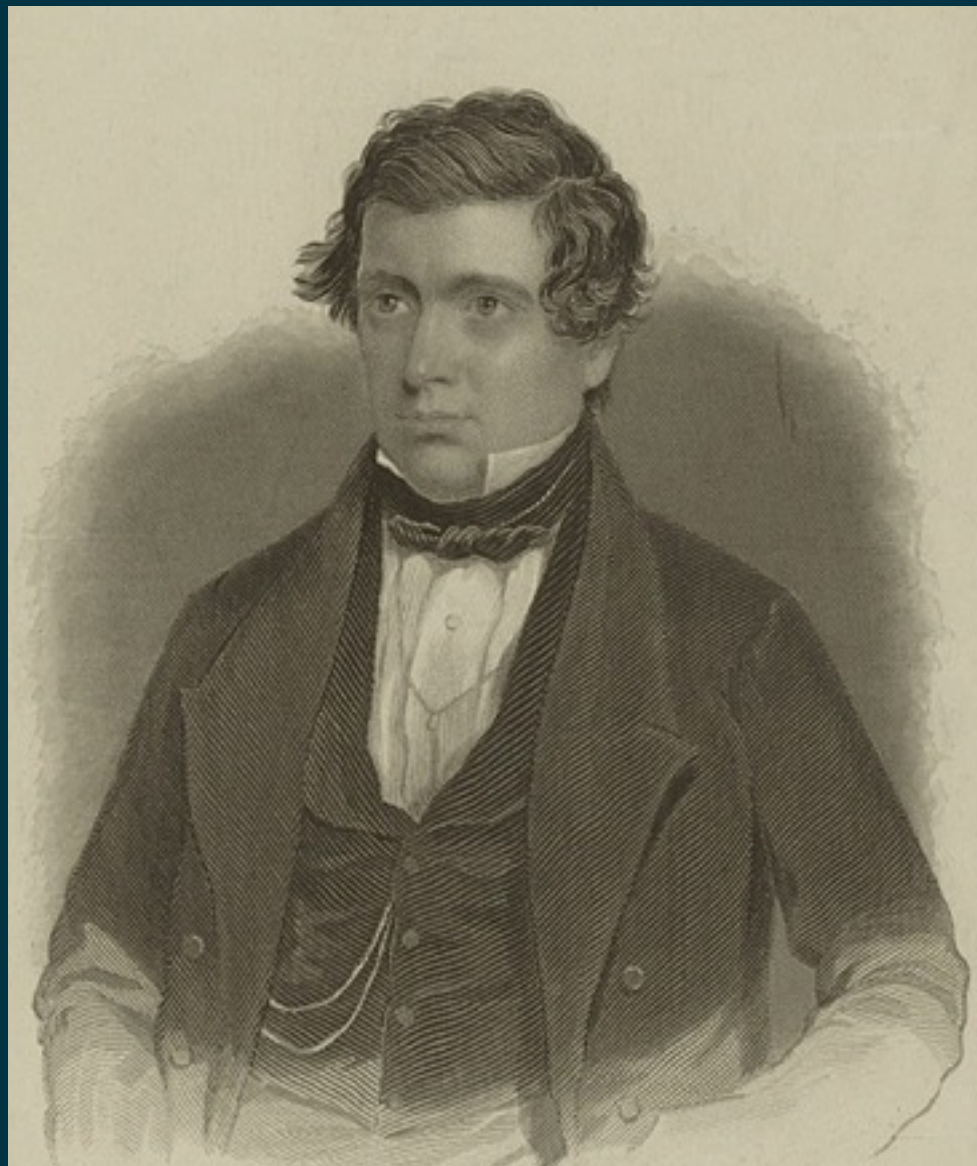
**Members of the Hernando de Soto Expedition**

**Prince Madoc**

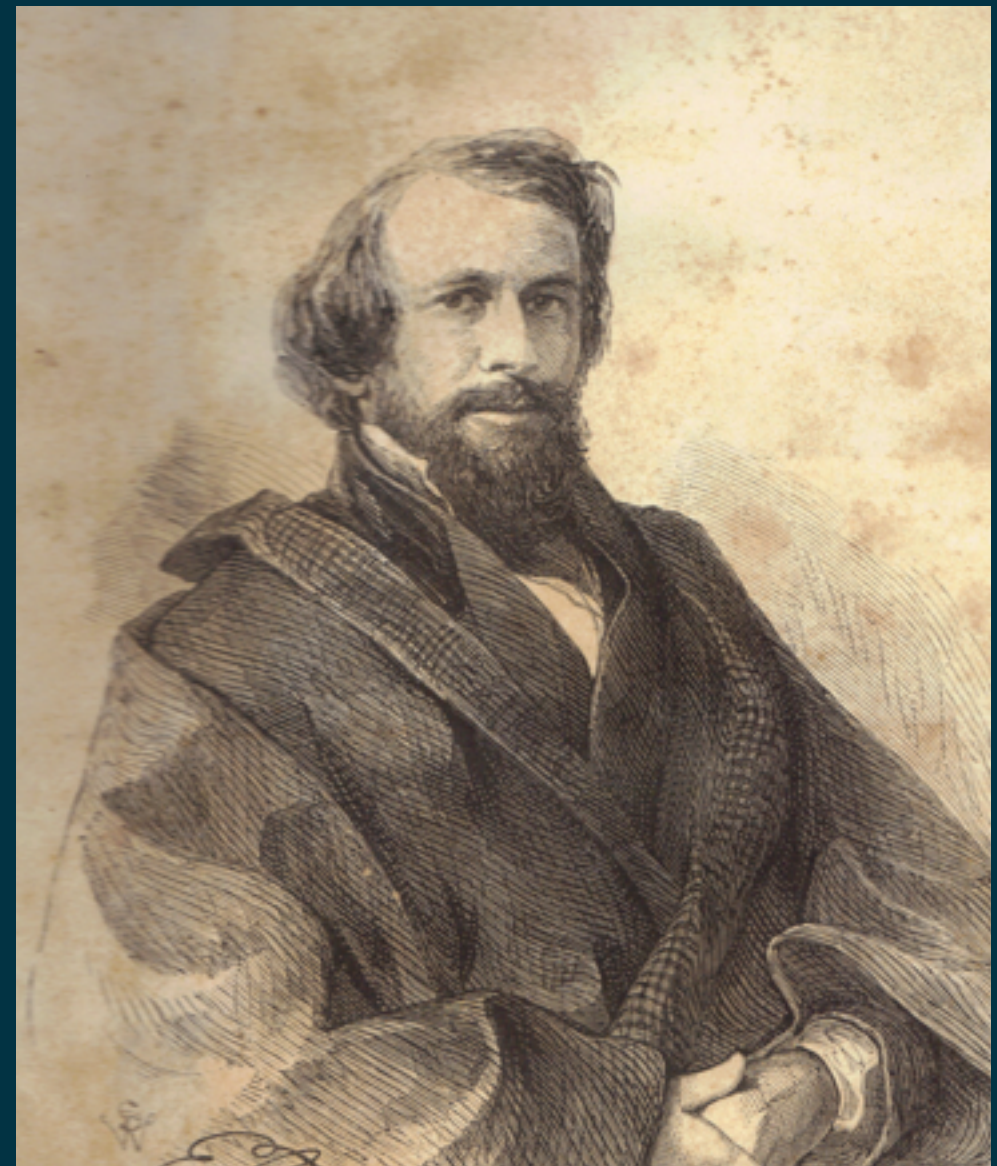
**Atlanteans (+ other lost continent citizens)**

**God**





**EDWIN HAMILTON DAVIS**



**EPHRAIM GEORGE SQUIER**



***Ancient Monuments of the  
Mississippi Valley (1848)***



LITH. BY SARONY & MASON, N.Y.

ANCIENT WORKS, MARIETTA, OHIO,



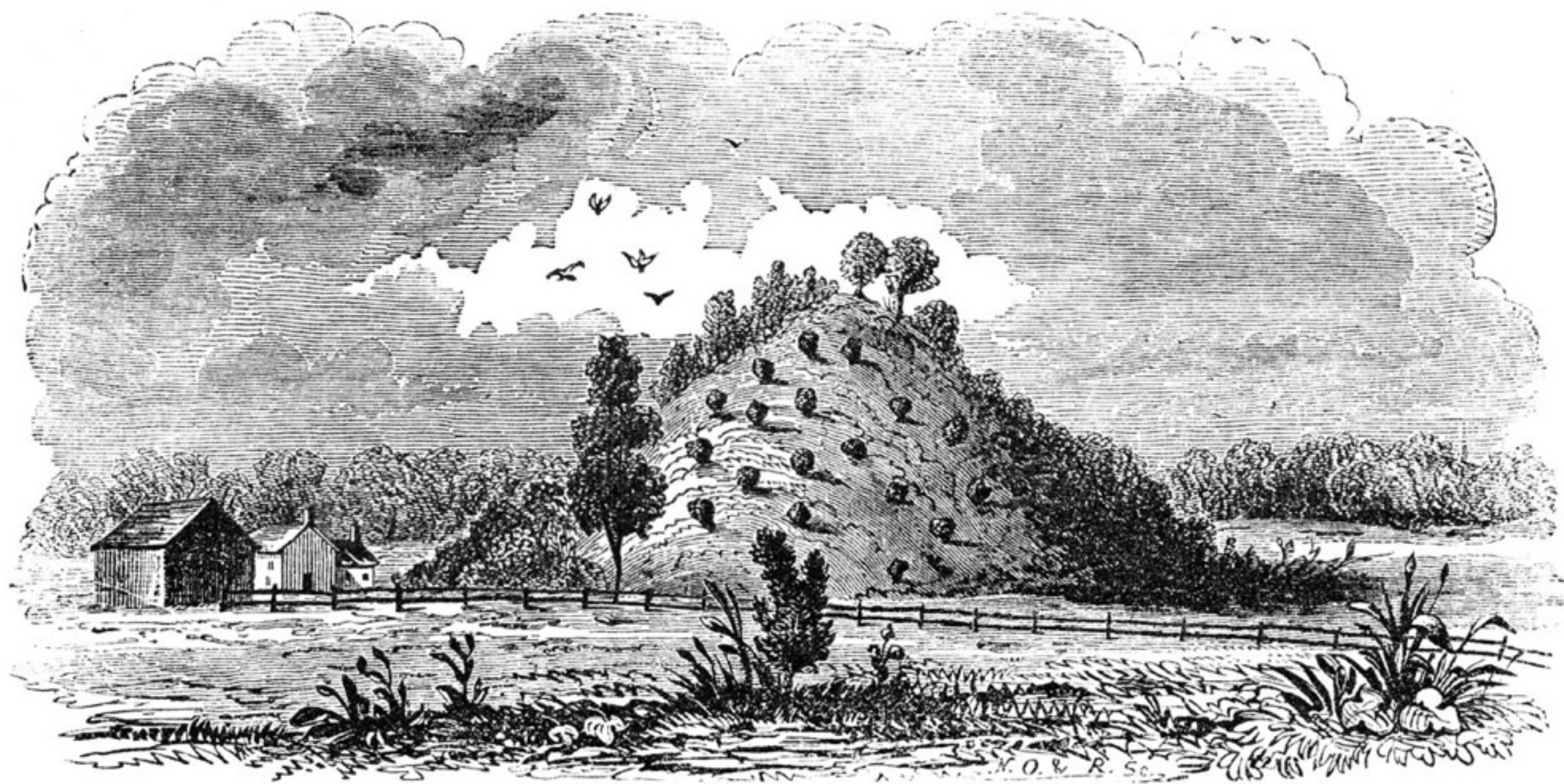
*“With no hypothesis to combat or sustain, and with a desire only to arrive at truth, whatever its bearing upon received theories and current prejudices, everything like mere speculation has been avoided”*



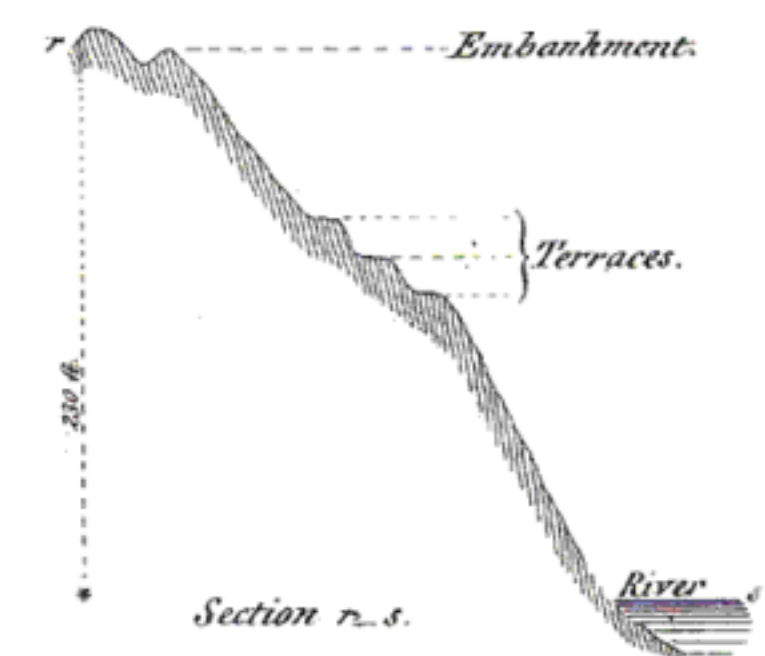


H. ORR. & RICHARDSON

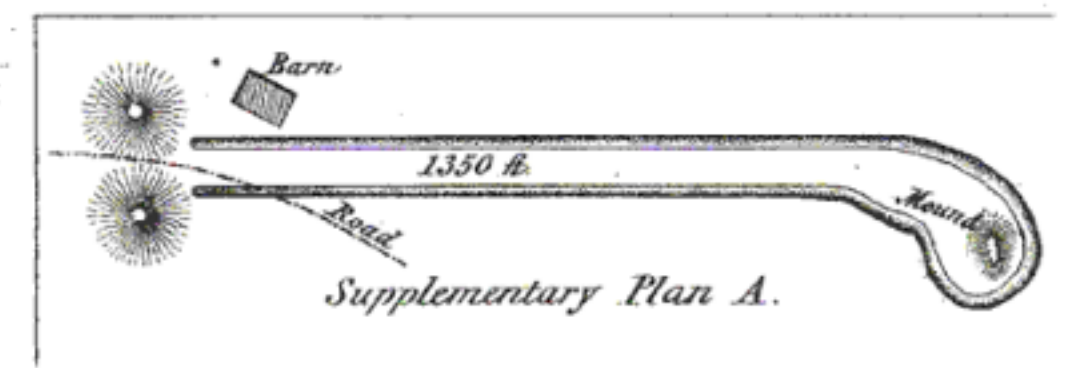




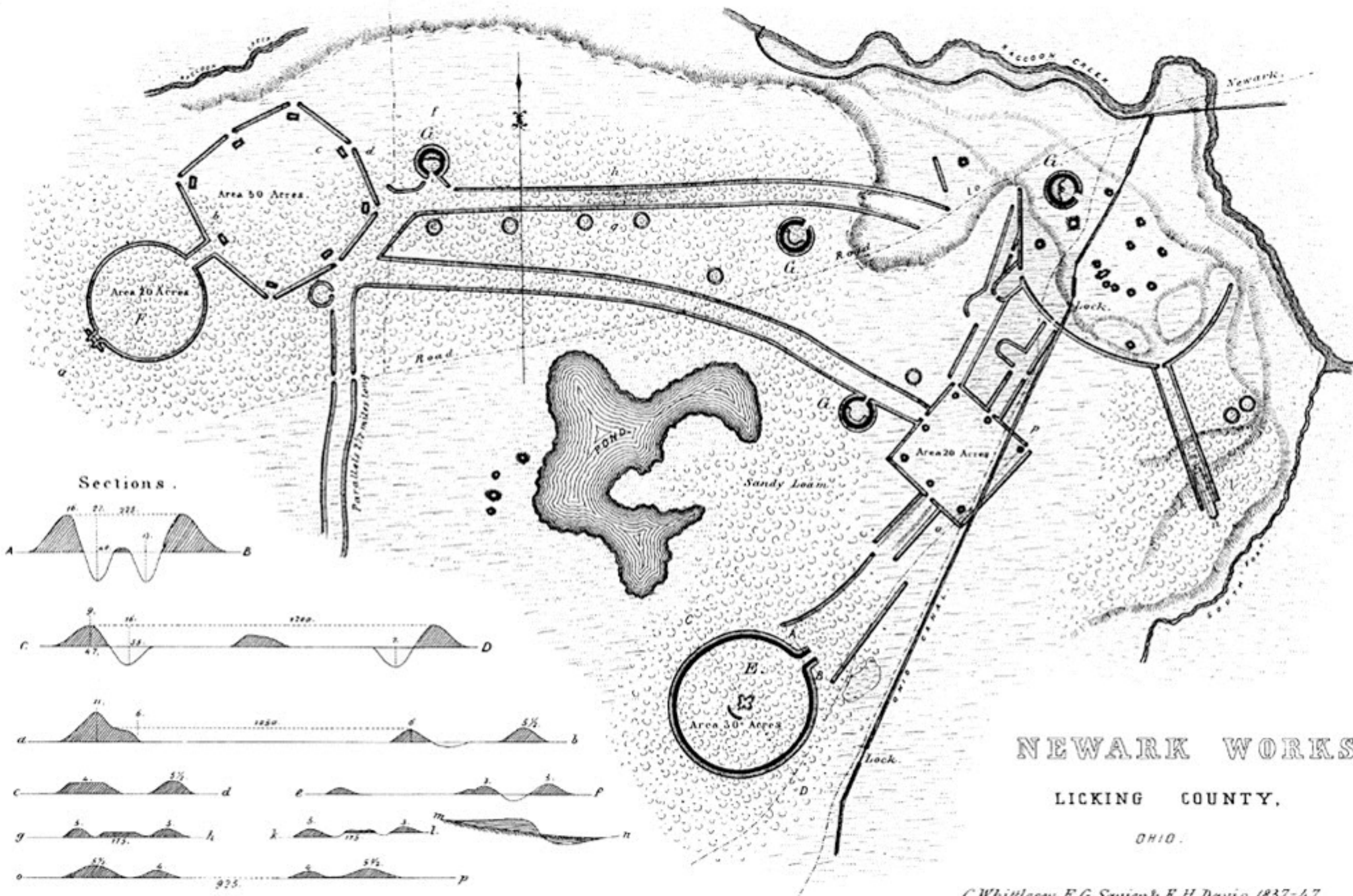




**FORT ANCIENT,**  
 East Bank of the  
**LITTLE MIAMI RIVER,**  
 33 miles above Cincinnati.  
 John Lock Surveyor.







# NEWARK WORKS

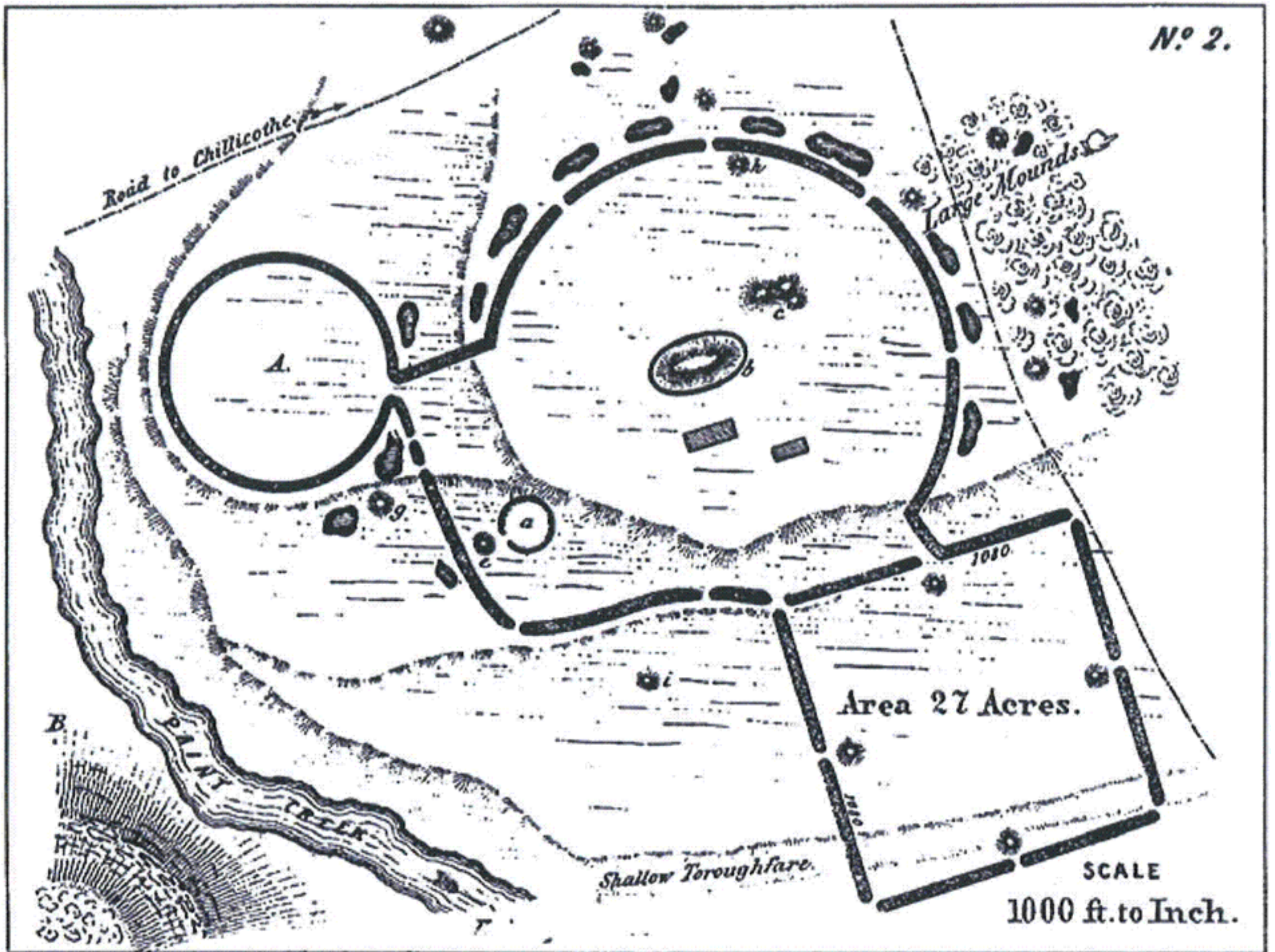
LICKING COUNTY,

OHIO.

C. Whittlesey, E. G. Squier & E. H. Davis 1837-47.



Nº 2.







ANTIQUE SCULPTURED PIPES  
REPTILES  
FROM THE TOMB OF ANKHS-AMUN  
IN THE MUSEUM OF CAIRO



BEADS AND ORNAMENTS  
FROM THE TOMB OF ANKHS-AMUN  
IN THE MUSEUM OF CAIRO

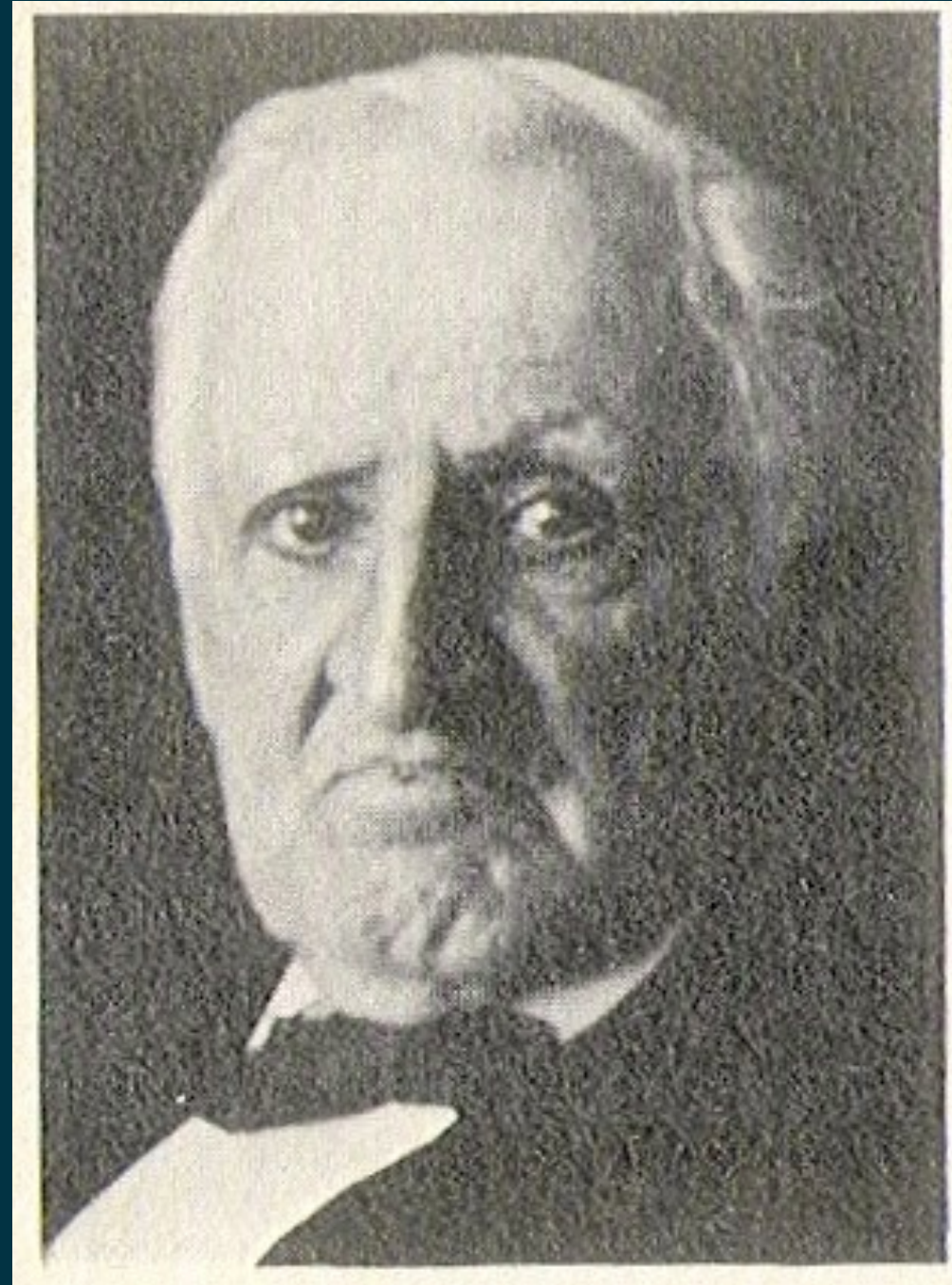
1. A small bead of dark stone, possibly  
a bead of obsidian or a small  
bead of dark stone, possibly  
a bead of dark stone, possibly  
a bead of dark stone, possibly



**THE MYSTERY**

**“SOLVED”**





**CYRUS THOMAS**



(1825-1910)

# CYRUS THOMAS

- ★ WELL RESPECTED ENTOMOLOGIST FROM ILLINOIS
- ★ 1882 - HIRED TO DIRECT DIVISION OF MOUND EXPLORATION  
(WITHIN THE BUREAU OF AMERICAN ETHNOLOGY)
- ★ \$5000 OF THE \$25000 BAE BUDGET BE DEVOTED TO SOLVING  
THE MOUND-BUILDER MYSTERY



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TWELFTH ANNUAL REPORT  
OF THE  
U.S.  
BUREAU OF ETHNOLOGY

TO THE  
SECRETARY OF THE SMITHSONIAN INSTITUTION

1890-'91

BY  
J. W. POWELL  
DIRECTOR



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1894









Brought to life  
in CAHOXIA  
PISTE XIX  
Coll. Titterton  
Co. Ill.

JAMES H. HODGKIN











A photograph of a large, grassy mound, likely an ancient burial site, situated in a field. The mound is covered in green grass with some patches of brown. In the background, there is a dense line of trees under a clear blue sky. The word "THE" is written in white capital letters on a black rectangular background, positioned above the mound.

THE

MISSISSIPPIANS







A topographic map of North America, showing the United States, Canada, and Mexico. The map uses color to represent elevation, with green for lower elevations and brown for higher elevations. A black rectangular text box is overlaid on the central part of the map, containing the text "AD 800-1500" in white. The text is in a bold, sans-serif font.

**AD 800-1500**



# **7 CULTURAL CHARACTERISTICS**



# 1 MOUNDS

Platform (flat topped), burial (conical), earthworks (geometric, etc), mound complexes















## 2 MAIZE

Intensive maize (corn) based agriculture. Closely linked to the emergence of Mississippian culture throughout the entire midwest & southeast.







## ③ SHELL TEMPERED POTTERY

Mississippians used riverine (or more rarely marine) shells as temper in their pottery.



**TEMPER?**











## 4 WIDESPREAD TRADE

Extremely widespread trade networks that reached far to the west (rockies), the north (Great Lakes), east (Atlantic), and south (Gulf of Mexico). Possible evidence of trade colonies even further.







## ⑤ SOCIAL COMPLEXITY

Complex chiefdoms, evidence of social stratification and social inequality. Centralized control of combined political and religious power in the hands of only a few elite (or one).



**CHIEFDOMS?**



## ⑥ SETTLEMENT HIERARCHY

One major mound center has clear influence (or direct control) over a number of smaller mound centers.



An aerial photograph of a lush green landscape. A two-lane road with a yellow center line runs diagonally from the bottom left towards the middle right. Several cars are visible on the road. In the upper left, a multi-lane highway is partially visible. The terrain is mostly green grass with scattered trees, some of which have yellow and orange autumn foliage. A prominent feature is a large, irregularly shaped mound or embankment in the center-left, which appears to be a remnant of an ancient structure or a natural formation. A white path or fence line runs along the top of this mound. In the bottom left corner, there are concentric circular tracks in the grass, possibly from a vehicle or agricultural machinery. A black rectangular box is overlaid in the upper right quadrant, containing the word 'САНОКІА' in large, bold, light blue Cyrillic letters.

**САНОКІА**



# MOUNDVILLE





## 7 SECC

Southeastern Ceremonial Complex (Southern Cult).  
Belief system, cosmology, symbols, and associated  
material culture shared by Mississippian peoples.  
Some are redefining as "Mississippian Ideological  
Interaction Sphere"



**SOUTHEAST CEREMONIAL COMPLEX**

**COSMOLOGY**



## **ABOVE WORLD**

Home of the Thunderers, the Sun, Moon, and Morning Star or Red Horn. Representative of order and stability

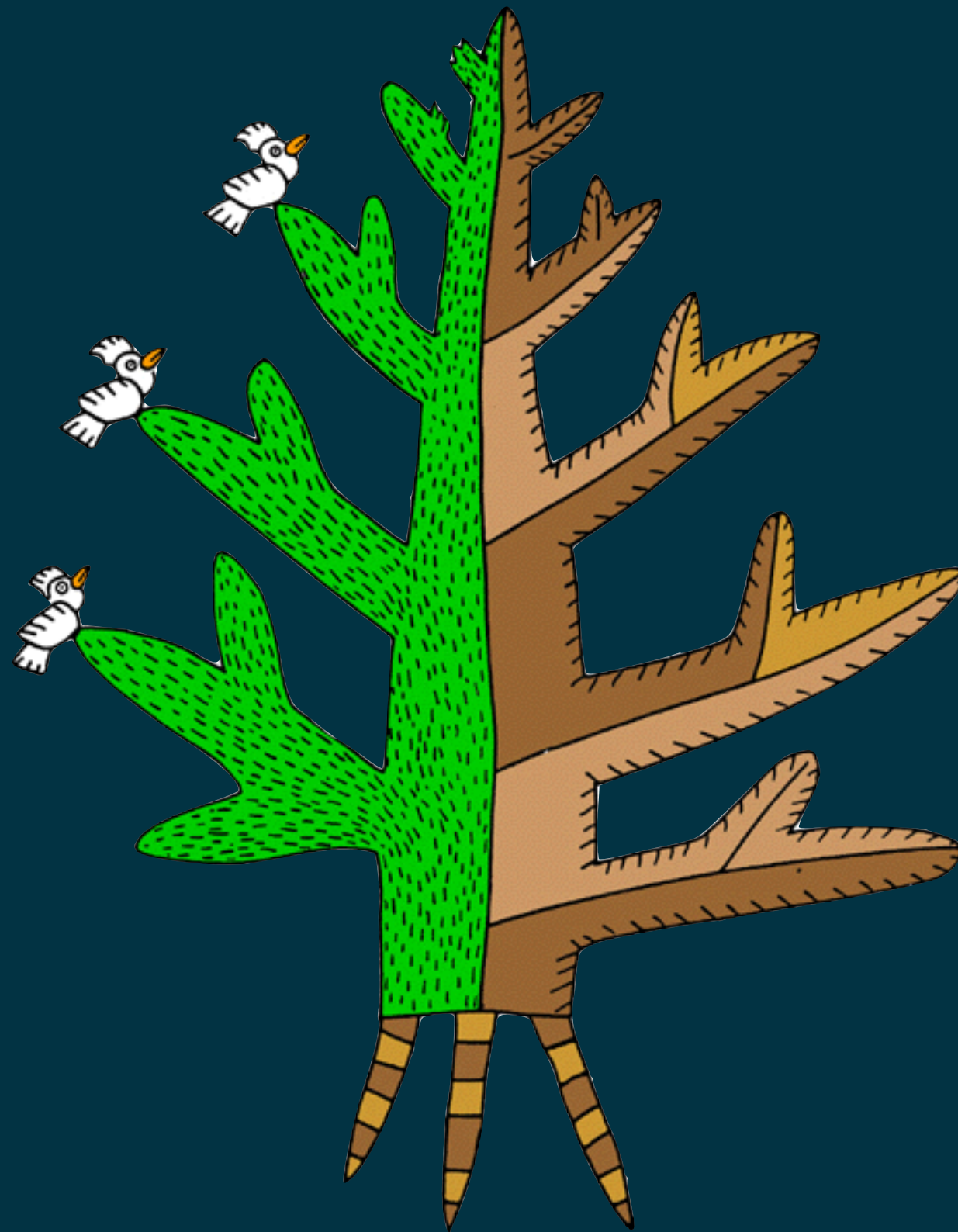
## **MIDDLE WORLD**

The world where humans being live and on which they have impact.

## **BENEATH WORLD**

Cold, dark place of chaos. Home to the underwater panther and the corn mother ("Old Woman Who Never Dies")





**AXIS MUNDI**



**SOUTHEAST CEREMONIAL COMPLEX**

# **MOTIFS & SYMBOLS**



# BIRDMAN

Falcon. Avatar of a warrior. Object of supplication for long life, family health, and long line of descendants. Supernatural origin in the Upper World















# REDHORN

Red Horn was one of the five sons of Earthmaker whom the Creator fashioned with his own hands and sent to earth to rescue mankind. He contested both giants and water spirits, and led warparties against the bad spirits who plagued mankind.







# GREAT SERPANT

Denizen of the Beneath World - in constant struggle with the Thunderers (birdman or falcon) of the Above World. Dangerous beings - but also source of great power











# CHUNKEY

Extremely high stakes game (associated with gambling). Possible mythological overtones. continues on after European contact.











**MISSISSIPPIAN**

**CHRONOLOGY**



- ① **EARLY MISSISSIPPIAN : 800-1200 AD**
- ② **MIDDLE MISSISSIPPIAN : 1200-1400 AD**
- ③ **LATE MISSISSIPPIAN : 1400-CONTACT**



# 1 EARLY MISSISSIPPIAN

Different groups abandoned tribal lifeways for increasing complexity, sedentism, centralization, and agriculture. Rapid population growth in major centers



## ② MIDDLE MISSISSIPPIAN

Height of the Mississippian period. Expansion of largest ceremonial center (Cahokia). Full extent of the Southeast Ceremonial Complex.



## ③ LATE MISSISSIPPIAN

Collapse of the Mississippian culture. Period characterized by increasing warfare, political turmoil, and population movement. Sharp decrease in moundbuilding - many centers abandoned.



**MISSISSIPPIAN**

# **REGIONAL VARIATION**





**UPPER MISSISSIPPIAN**

**MIDDLE MISSISSIPPIAN**

**SOUTH APPALACHIAN MISSISSIPPIAN**

**CADOAN MISSISSIPPIAN**

**PLAQUEMINE MISSISSIPPIAN**



An aerial photograph of a rural landscape. A two-lane road with a yellow center line runs diagonally from the bottom left towards the middle right. Several cars are visible on the road. The surrounding area is a mix of green grass, some trees with yellow and orange autumn foliage, and a large, irregularly shaped mound or embankment in the center. In the top left corner, a multi-lane highway is visible. A black rectangular box with the word 'CANOKIA' in light blue capital letters is overlaid in the upper right portion of the image.

# CANOKIA





**САНОКІА**



# CAHOKIA

- ★ **LARGEST & MOST INFLUENTIAL MISSISSIPPIAN CENTER**
- ★ **AT ITS HEIGHT, CAHOKIA COVERED 6 SQUARE MILES AND HAD AT LEAST 120 MOUNDS**
- ★ **CONTINUALLY OCCUPIED FROM CA. 600-1300 AD**









Ridgetop  
Mortuary Mounds

ANCIENT LAKE BED

Conical Pyramid

Woodhenge

Monks Mound

Mound 51

Grand Plaza

Limits of  
Cahokia's Residential  
Neighborhoods

Borrow  
Pits

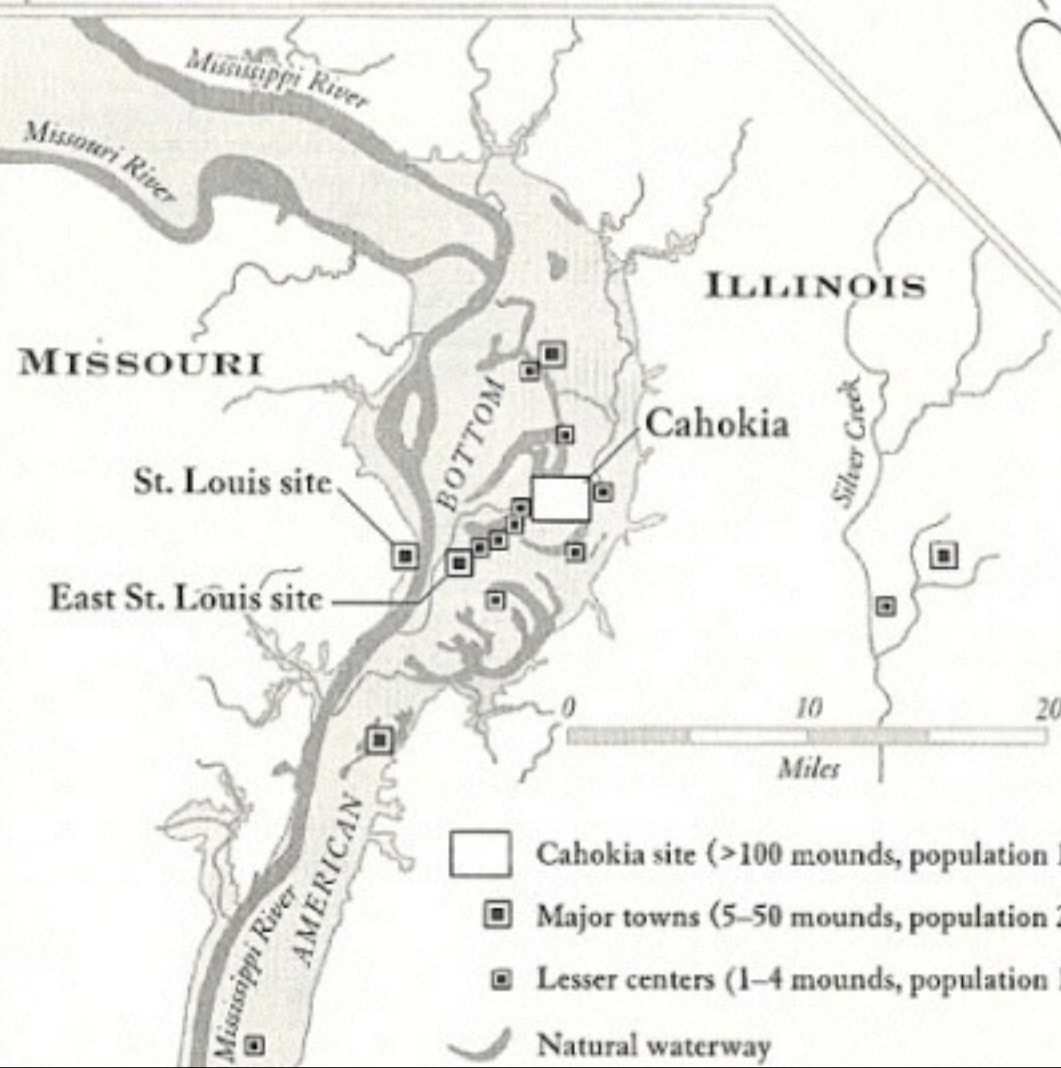
Late-Period Palisade Wall

Offertory Platform

Flat-Topped  
Pyramids

Ridgetop  
Mortuary Mounds

Causeway



## MAP OF THE ANCIENT CITY OF CAHOKIA

- Cahokia site (>100 mounds, population 10,000-16,000)
- Major towns (5-50 mounds, population 200-2,000)
- Lesser centers (1-4 mounds, population 100-500)
- Natural waterway

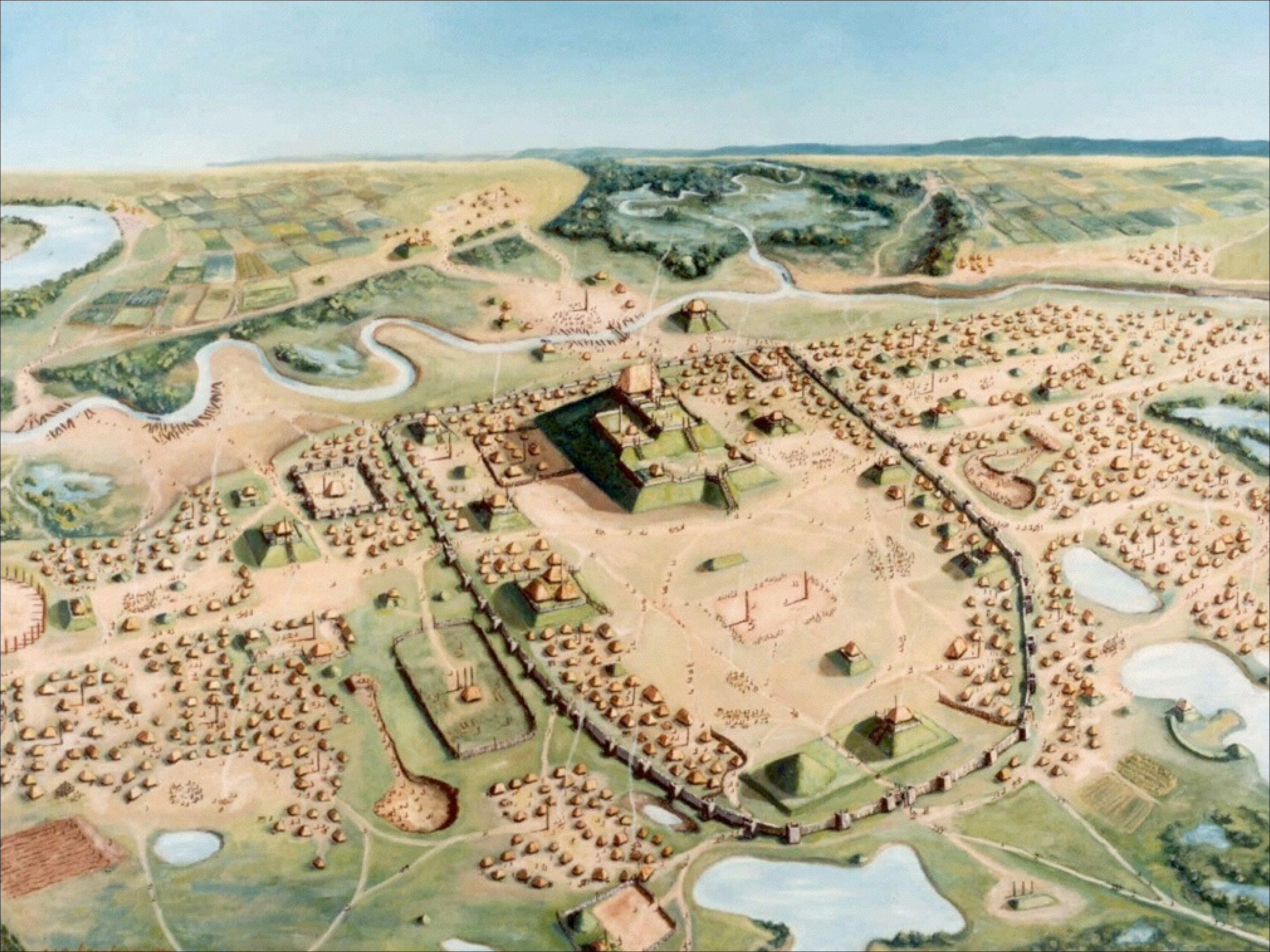
0 500 1000  
Yards





**MONKS MOUND**











CAHOKIA

COLLAPSE



# 1 ENVIRONMENTAL

Possible overhunting and deforestation. In addition, climate change could have aggravated effects of erosion due to deforestation, and adversely affected the cultivation of maize, on which the community depended.



## ② WARFARE

Stress (political and resource) from new populations moving into the area caused warfare.









Ridgetop  
Mortuary Mounds

ANCIENT LAKE BED

Conical Pyramid

Woodhenge

Monks Mound

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Mound 51

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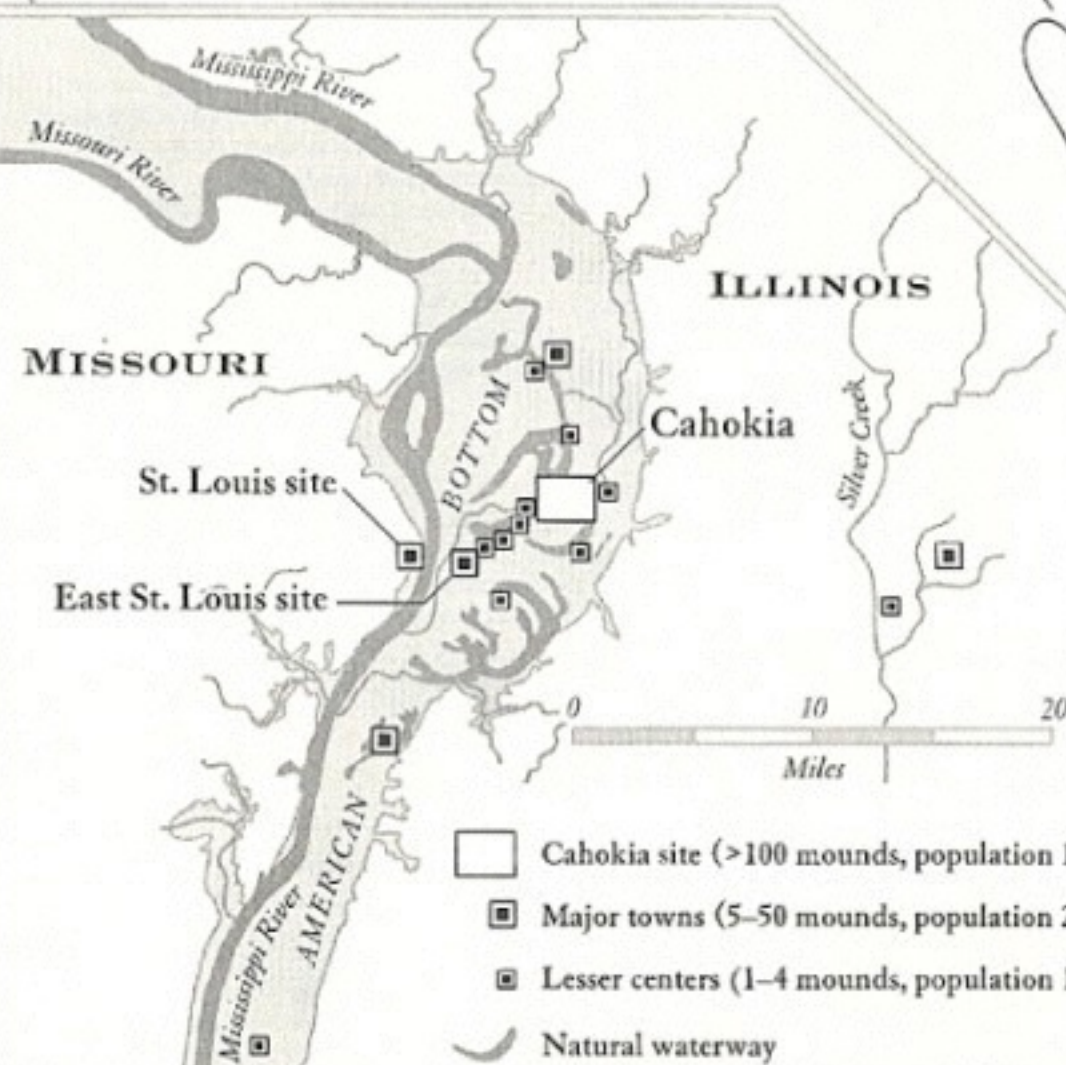
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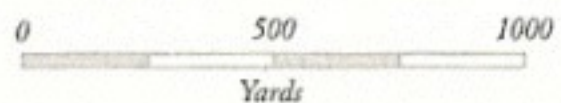
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## ③ DISEASE

Incredible population density results in heightened instances of diseases and favorable environment for transition



**“VANISHED CIVILIZATION”**







**ARCHAEOLOGY IN THE**

# **20TH CENTURY**

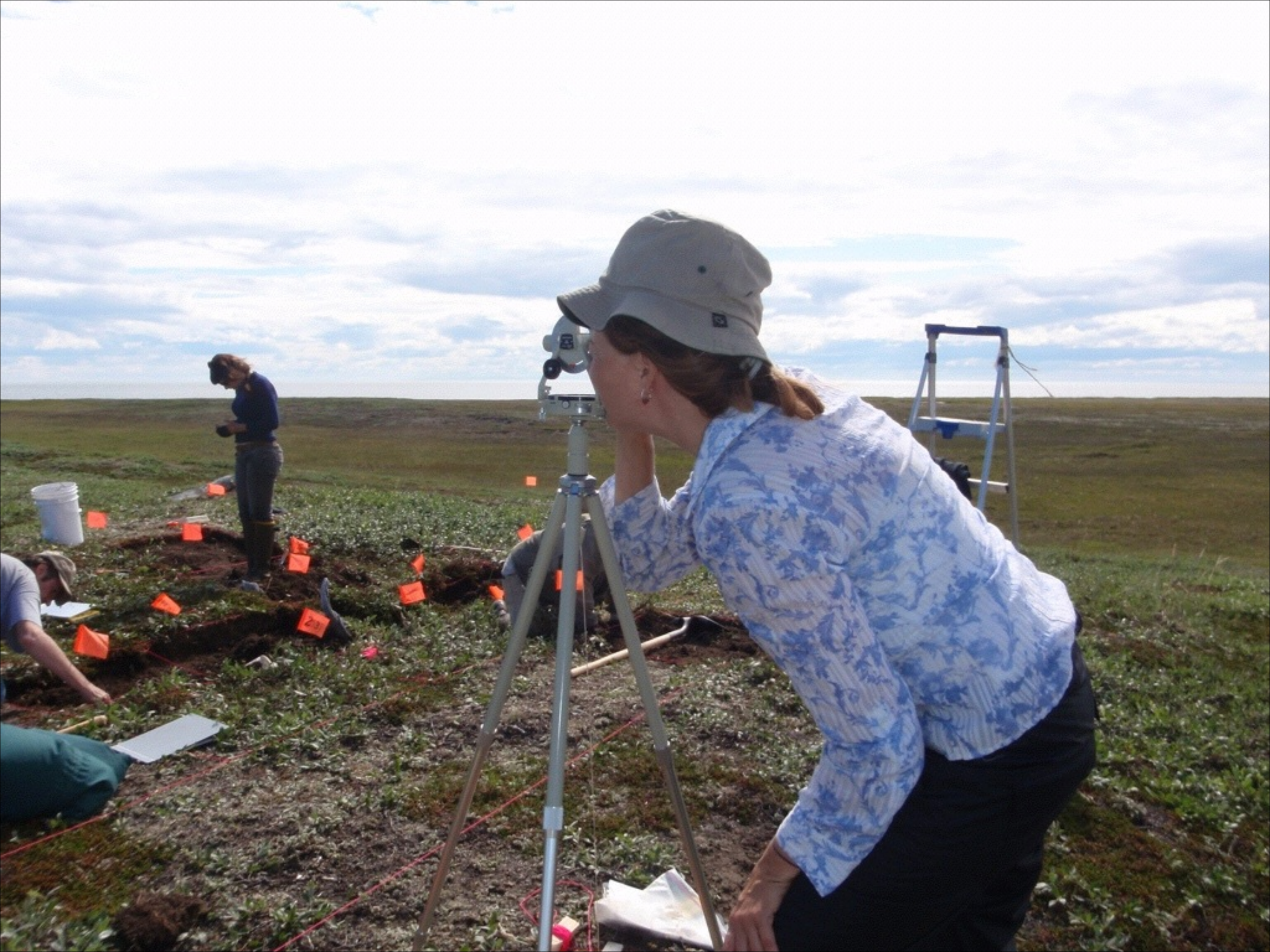
**1900s-1960s**



# 1

Excavation controls - the importance of context;  
Stratigraphy, screening, piece-plotting











## 2

Techniques to date sites - either relative dating or chronometric dating. How old are things?



### 3

Remote sensing - a variety of techniques that allow archaeologists to view (and study) human impact on the environment that might not be visible to the naked eye











4

Diversity - more (very) prominent female archaeologists as well as indigenous archaeologists

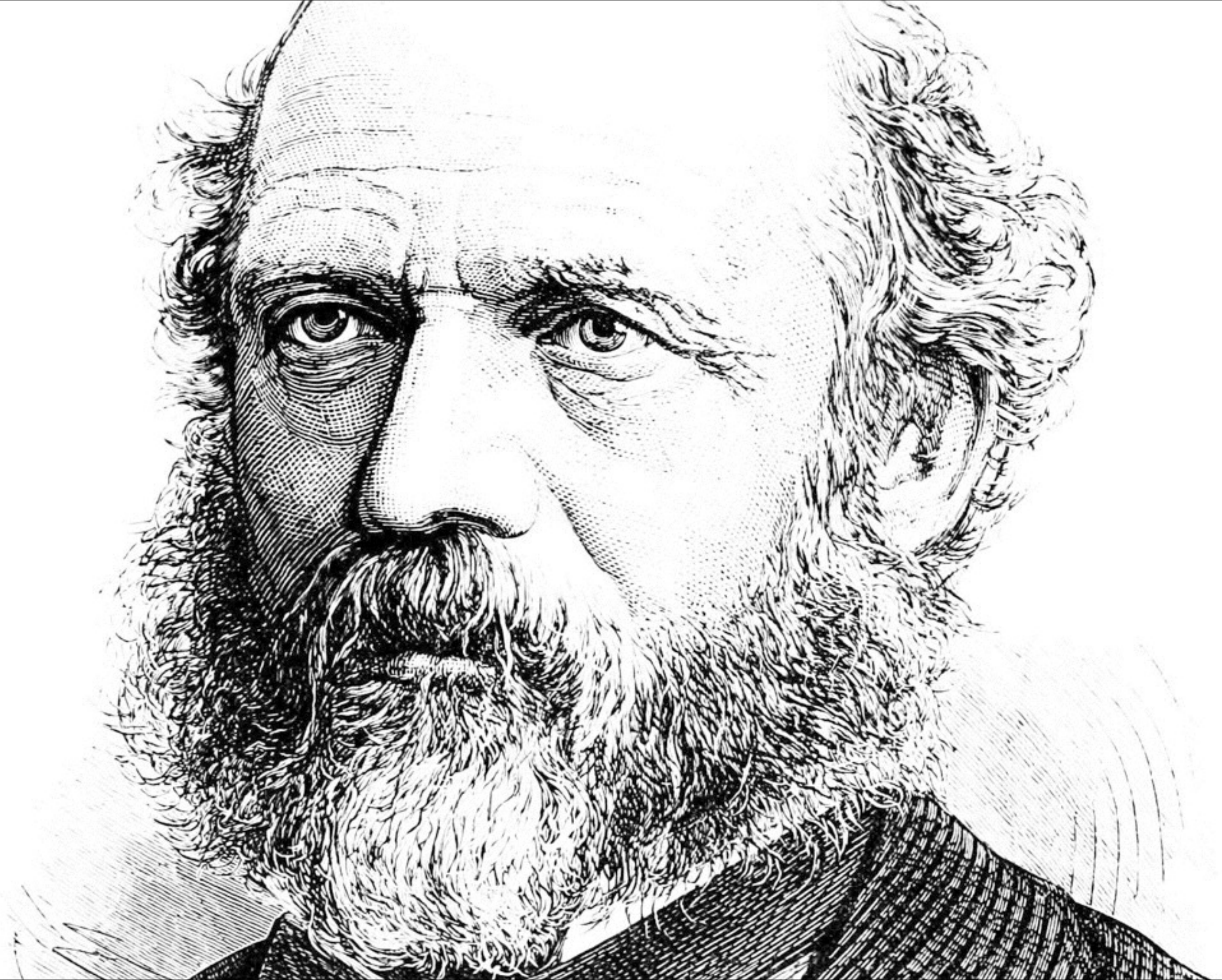




















**Gertrude Caton-Thompson (1888-1985)**



**H. Marie Wormington (1914-1994)**



# 5

From thing to people; idea that archaeology was not about artifacts, but people - material culture was simply a mechanism to understand and discuss culture (and culture change)



# 6

The “New Archaeology” or Processual Archaeology.  
Archaeology as Anthropology. Pushed for more  
theory, more explicit & scientific archaeology



A black and white photograph of Lewis Binford, an older man with a beard and glasses, wearing a striped shirt and a dark tie. He is holding a fossilized skull in his hands. The background shows a window with a view of a building.

**LEWIS BINFORD**



**PUNCHLINE**





- ① **DESCRIPTION**
- ② **STUDY**
- ③ **COLLECTION (NATIONAL)**
- ④ **SCIENCE**



**THE END**