

This document contains a random selection of (rare) photo's, images and ideas I collected in the past few years. All is related to history, archeology, geology, ancient civilizations and technology etc.

Inspired by many, I hope together we can put more pieces of the puzzle in place. Thanks to all the great minds whose independent research I'm able to follow and watch online.

Enjoy!			

If I used photo's in this document, which I'm not allowed to use, please let me know. I'll be glad to remove it immediately. I'm sorry in advance...







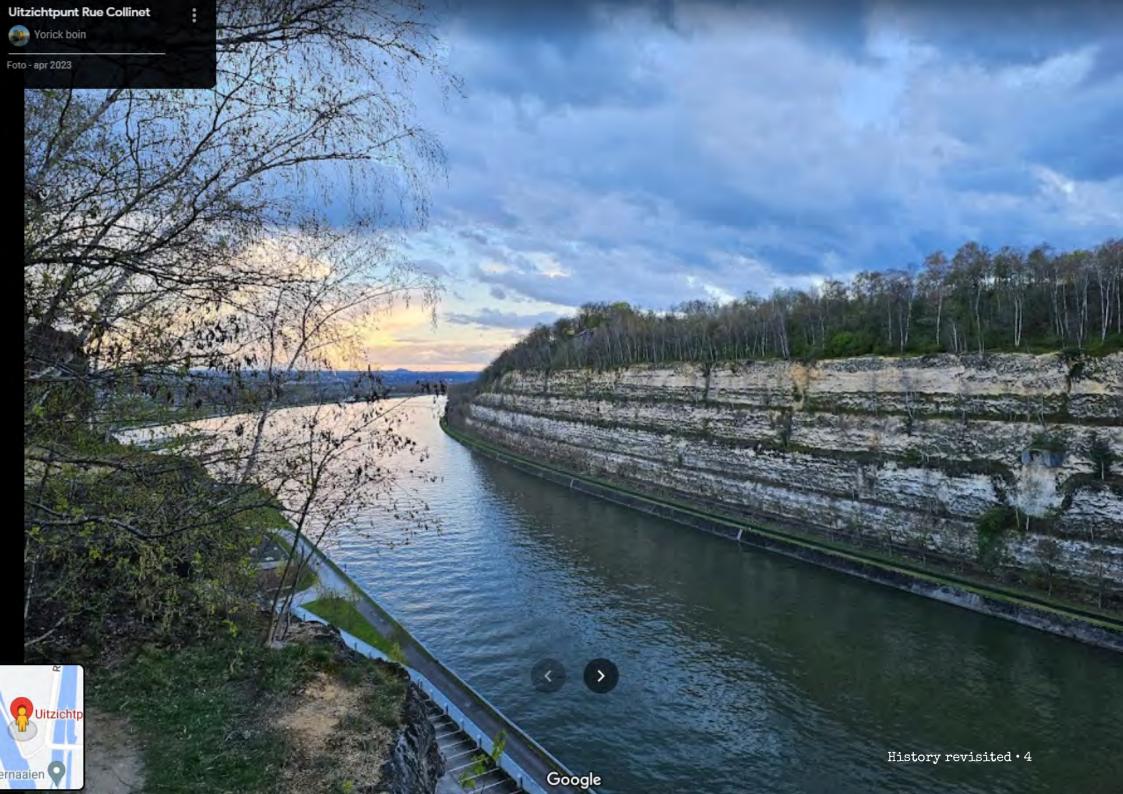












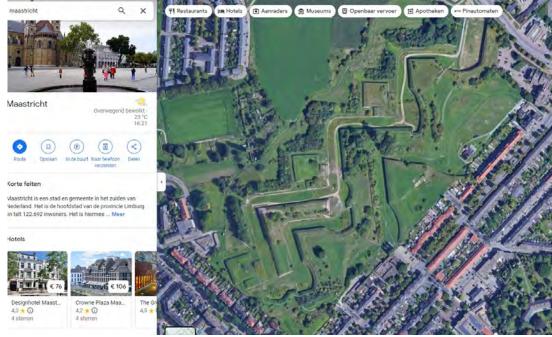
### TOC

The province of Limburg, The Netherlands	6
Festung Königstein, Germany	14
Amsterdam, The Netherlands	18
New York	24
Russia "Defense lines" + starforts	25
South Carolina, USA	32
Keystone cuts/ metal clamps	<b>3</b> 5
NUBS/ stone protrusions	45
Rare images/old postcards Megalithic	
polygonal) masonry and other archeological	
places of interest	56
Random research tips	68









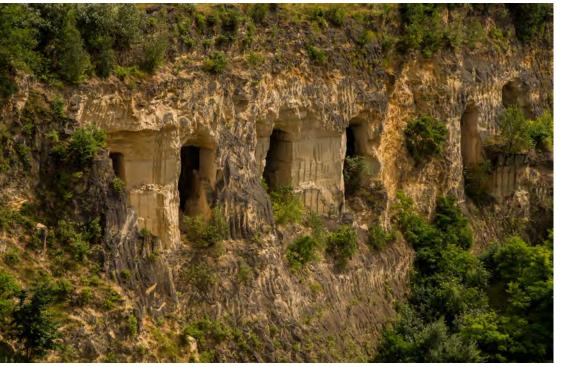
province of Limburg = the south of The Netherlands: tunnelsystem of ca. 750 kilometers in total (= ca. 470 miles)



History revisited • 6



Maastricht

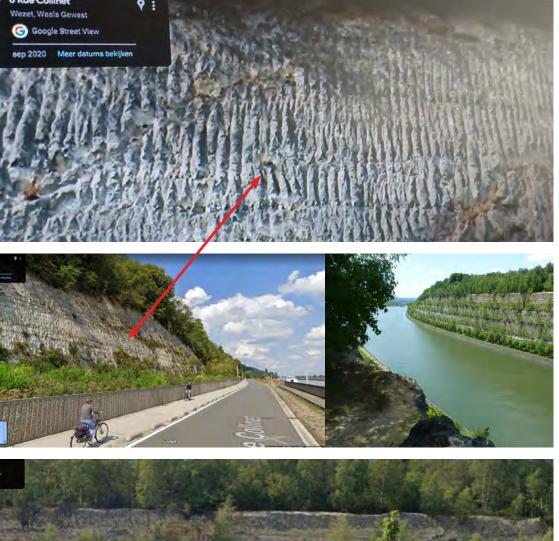


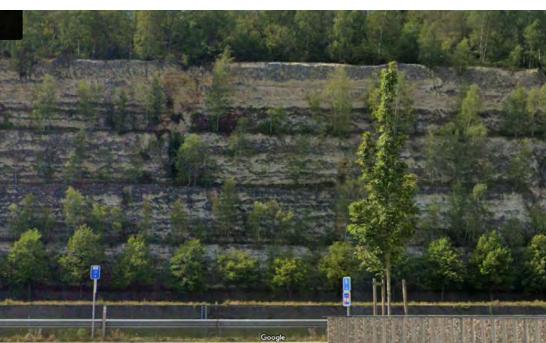


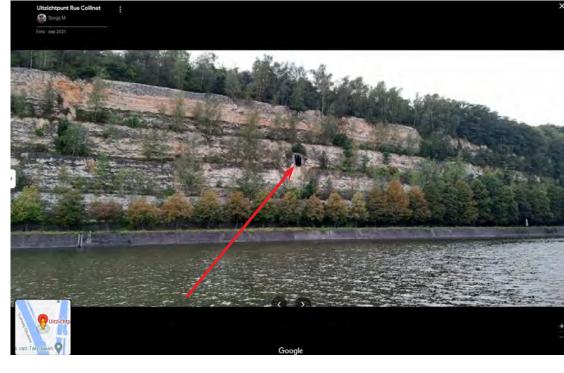


"The Caves of Maastricht, also known as the caves of Mount Saint Peter or the Maastricht Underground, are a collection of limestone quarries in Maastricht, the Netherlands, the origins of which date back to the 13th century.

They were originally dug to mine chalk. In total, a network of 20,000 tunnels were cut into the stone, of which 8,000 are still intact" [wikipedia].











History revisited • 8



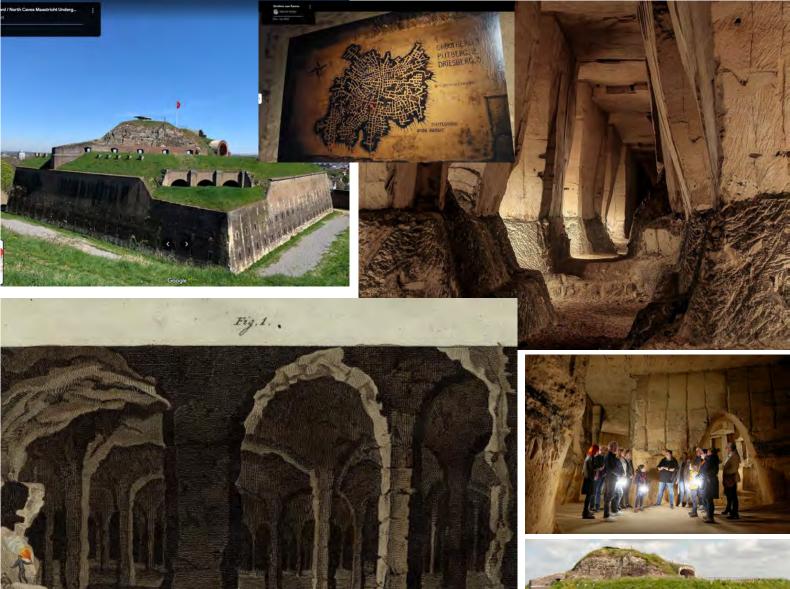
uchtfoto | Valkenburg - Luchtfoto Kasteel Valkenburg

Valkenburg



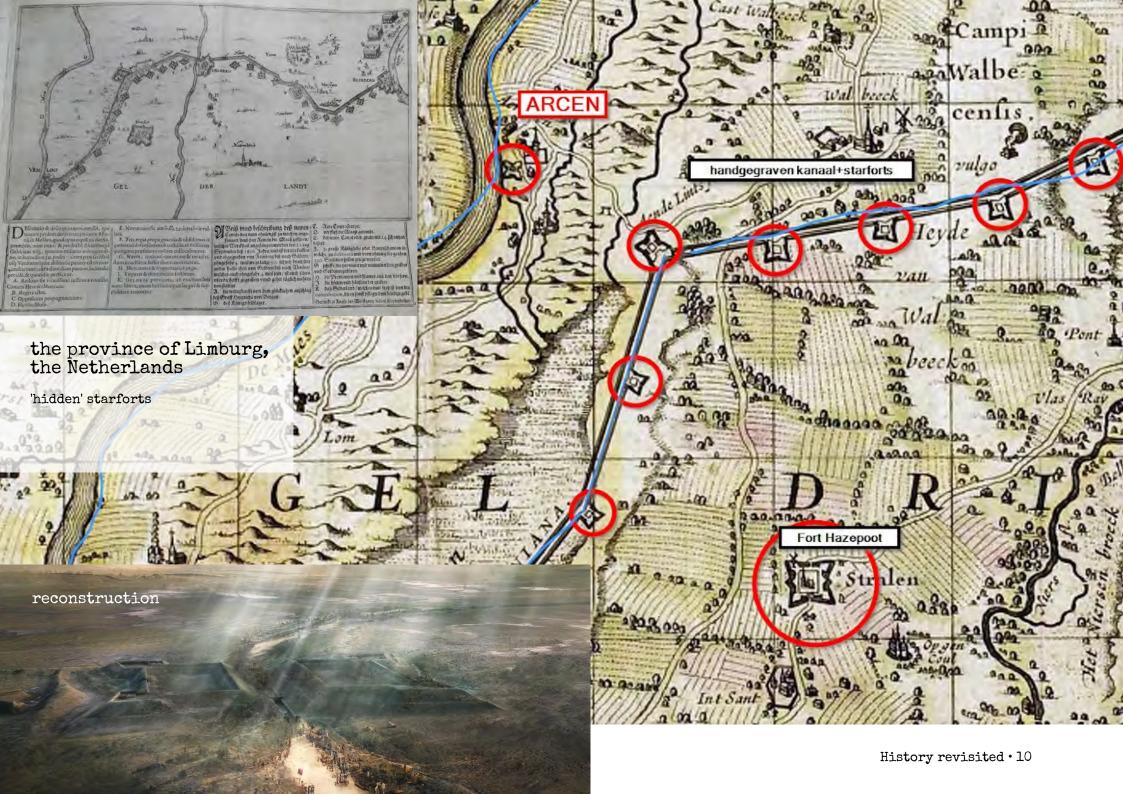


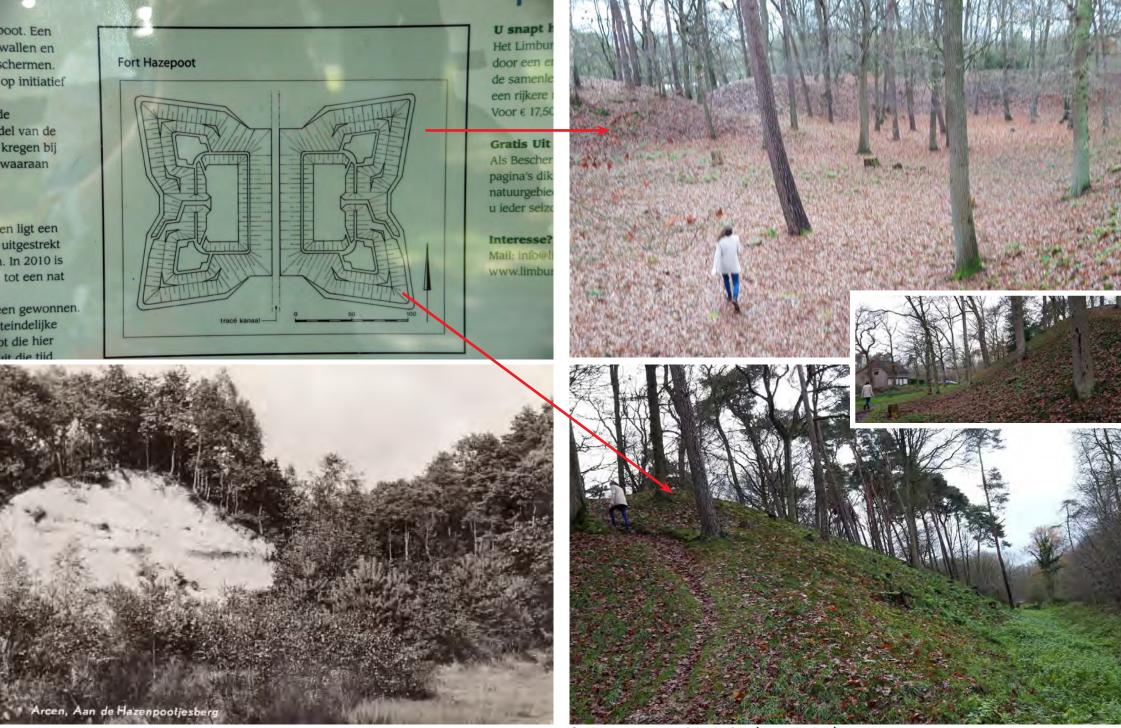






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fort unrecognizable today (own photos)

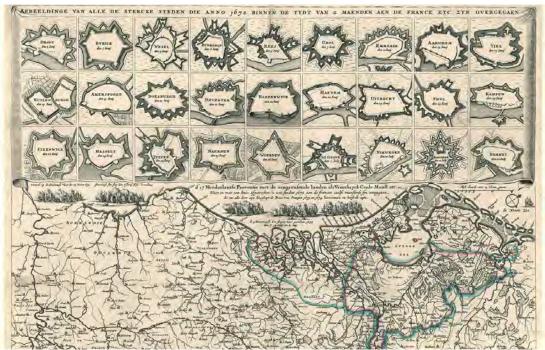
Challenge for a civilized society · 11











other Dutch forts

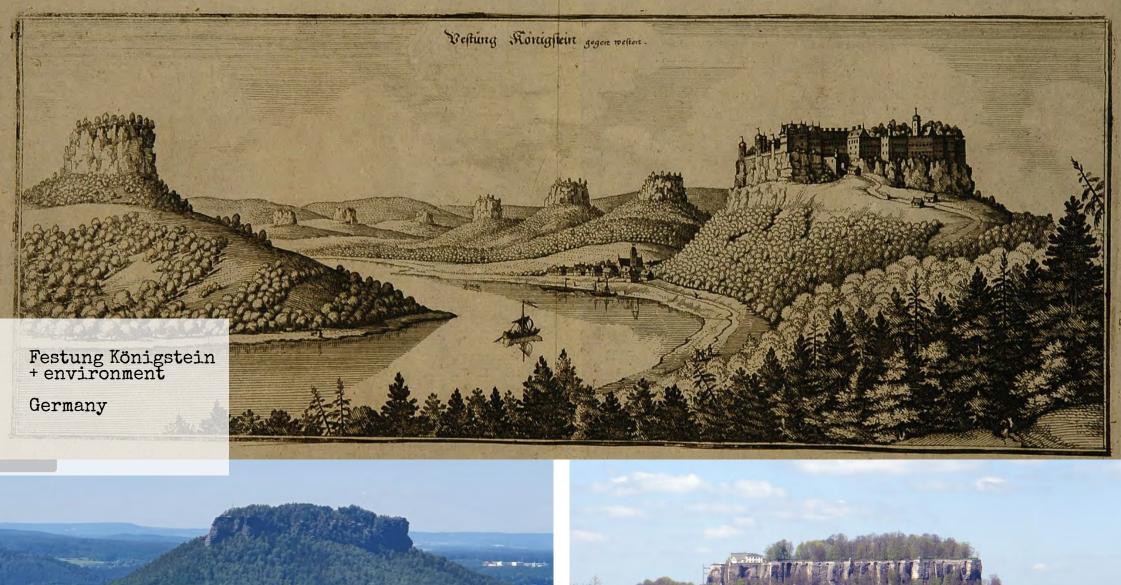






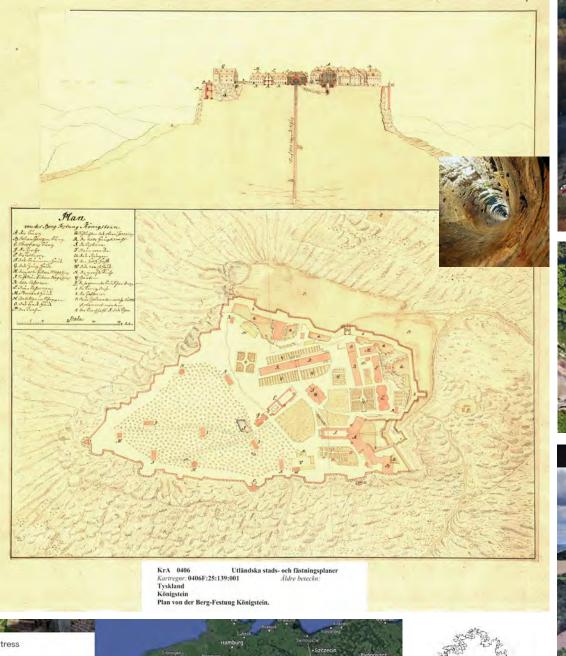
Largest cathedral of Holland (own photo)

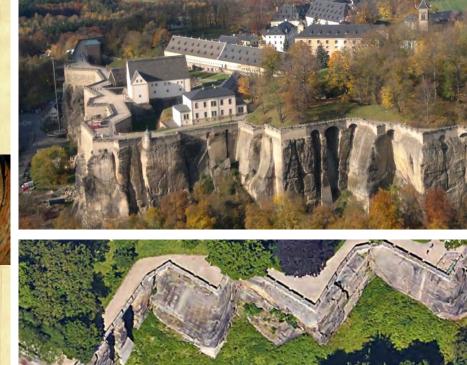
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Reviews About

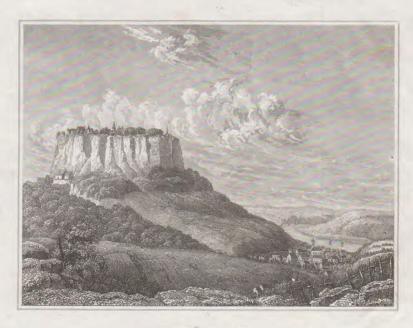
Reviews About

Reviews About

Sharty Seed to Share group or museum with over 400 years han 50 separate buildings.

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DER KÖNIGSTRIN ans Süden.



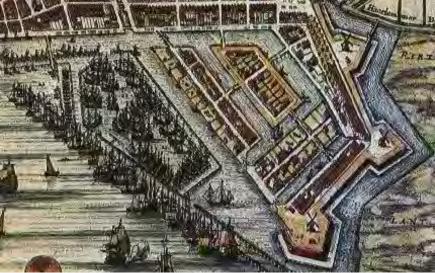
brick arches all over this wall (zoom!)
(own photo's)





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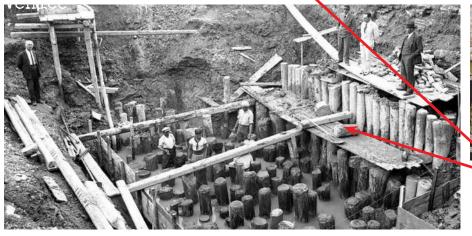


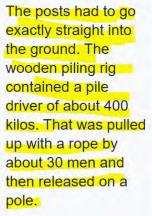












Engels





Venice









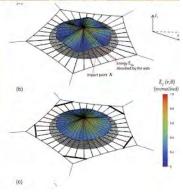


History revisited • 20



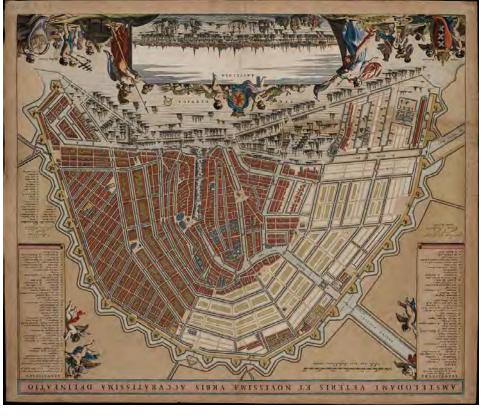
The web is electrically conductive which causes the silk threads to spring out to trap their quarry, as flying insects tend to gain a static charge which attracts the silk.<sup>[24]</sup>

Neurotoxins have been detected in the glue balls of some spider webs. Presumably these









food for thought?





van 1638. De funderingsplanken moesten nu 3 voet onder stadspeil liggen. Dit peil was aangegeven aan de buitenkant van de Nieuwe Haarlemmersluis. Men mocht het ook bepalen door het te stellen op zes voet onder de dekstenen van de wallen '... soo voor de Beulingstraat, als voor het Huys van de Heer Burgemeester Hooft, ... en vijf voeten onder de deksteenen van de Wal voor het huys van de Heer Burgemeester de Vries, ende gebouwen die buyten de ordinary sluyzen staen, elf voeten onder de deksteenen van de Wal op Cattenburg, bij de Admiraliteijts Huysing, op een boete van 10 guldens'. De fundering met kespen was een noodzakelijke verbetering. Dit blijkt wel uit de toestand van de fundering onder de voorgevel van het pand Herengracht 170 (afbeelding 14).

Bij dit in 1617 gebouwde huis waren nog geen kespen toegepast. Omdat de palen niet exact in de gevellijn waren geheid, konden de funderingsplanken maar krap op één rij palen worden gelegd. Bij het pand Herenmarkt 26 bleken de meeste palen de funderingsplank zelfs in het geheel niet te dragen (afbeelding 15).

Soms was de funderingsplaat zo dun dat hij brak op de paalkop, zoals bij de fundering van de rechter bouwmuur van Keizersgracht 62. Het metselwerk zakte over de gave paal, waardoor scheuren ontstonden (afbeelding 16).



15 Idem van het pand Herenmarkt 26



16 Paalfundering met kespen onder de rechterbouwmuur van Keizersgracht 62



17 Idem, onder de linkerbouwmuur van Brouwersgracht 48



18 Idem, onder de gemeenschappelijke bouwmuur van Keizersgracht 62-64

Bij het pand Brouwersgracht 48 had de funderingsplaat de juiste maat en bleef de constructie volkomen intact (afbeelding 17). Ook kespen konden wel eens niet juist zijn aangebracht en bevestigd. De gemeenschappelijke bouwmuur van Keizersgracht 62-64 is hiervan een voorbeeld (afbeelding 18). Daar had de paalkop als een wig de kesp in tweeën gespleten omdat deze er niet voldoende overheen stak.

Een voorbeeld van een totaal vervormde funderingsplaat is gevonden onder de achtergevel van het pand Prinsengracht 335 (afbeelding 19).

#### De introductie van het schuifhout

Omstreeks het midden van de 18e eeuw komt er een nieuw constructie-element in de fundering, nl. het 'schuifhout' (afbeelding 20).

Tussen de funderingsplanken komt een rechtopstaand stuk hout dat moet voorkomen dat het metselwerk van de funderingsplanken afglijdt. Dit schuifhout vormt zo een extra koppeling van de palen. in de lengterichting, en wordt met lange spijkers op de kespen bevestigd. Aan het einde van de 18e eeuw wordt het schuifhout over de kespen uitgekeept of geloefd om een betere verbinding te verkrijgen. Wanneer deze constructie met schuifhouten voor het eerst werd toegepast is nog niet precies na te gaan. Bij opgravingen aan de Overtoom zijn schuifhouten gevonden in de fundering van de Franse schouwburg, die dateert uit 1752.

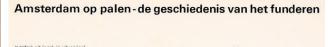


19 Idem, onder de achtergevel van Prinsengracht 335









overdruk uit 'werk in uitvoering' maandbiad van de dienst der publieke werken amsterdam jaargang 26, februari 1975

Legt Fondament
Vind gij geen grond om op te staan
Zo legt het met de heyers aan . . .
Dan zal uw Bouw de zakking tarte'
Jan Luijken 1649-1712
(Foto-comm. Rijksmuseum Amsterdi





T.L.





Star forts from all around the globe, Documentary



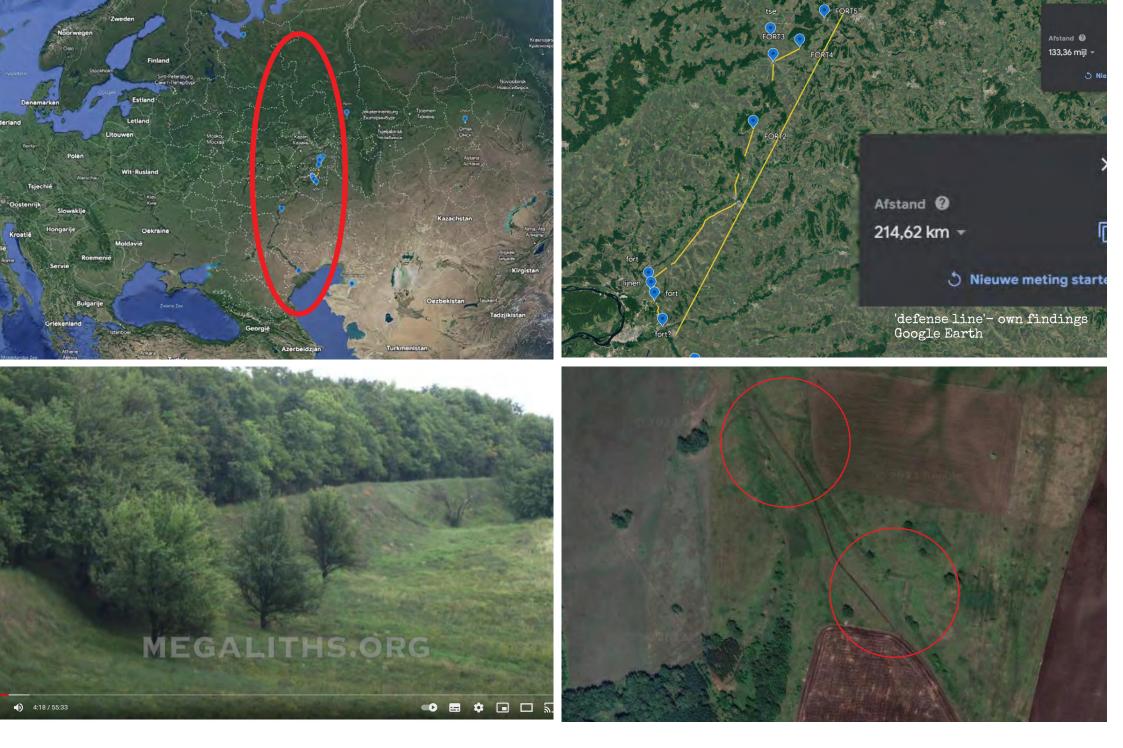




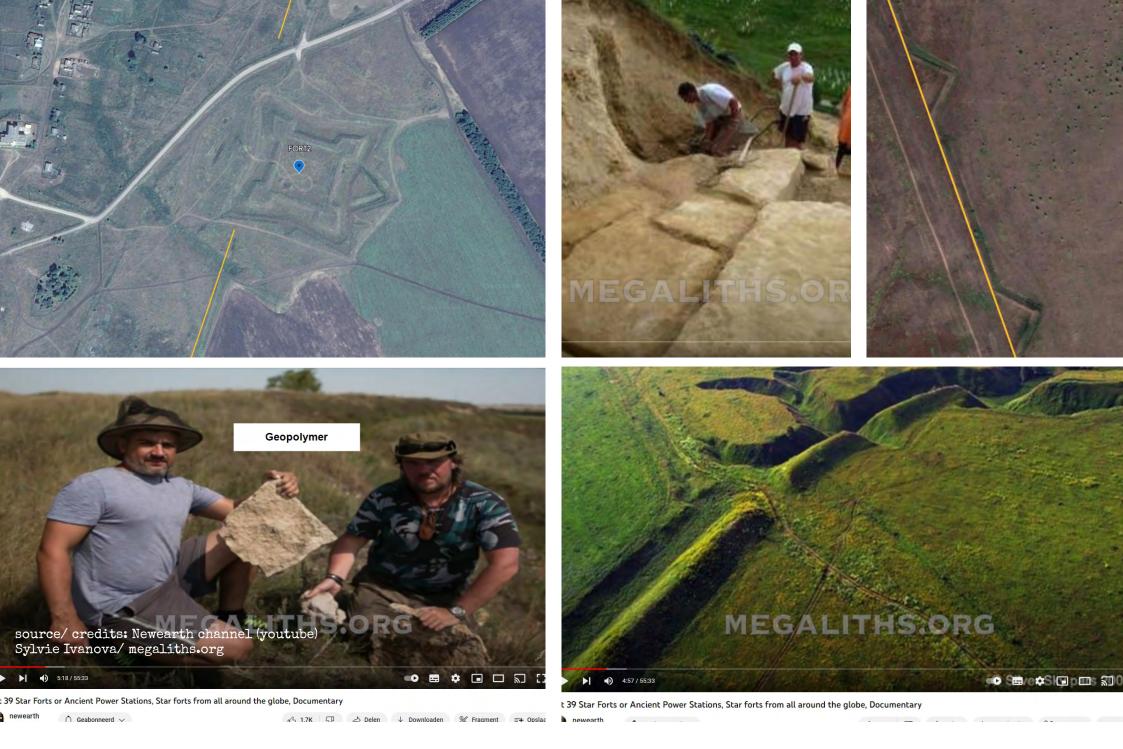




1,7K 5



History revisited • 26

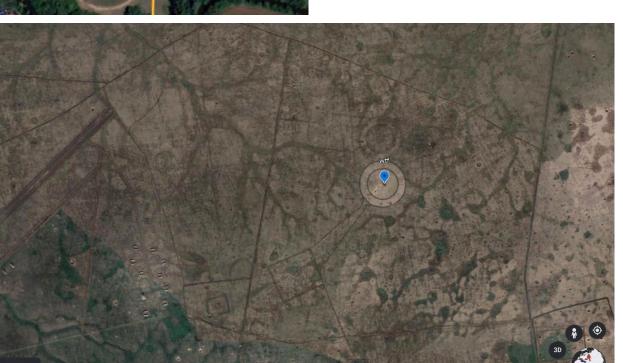






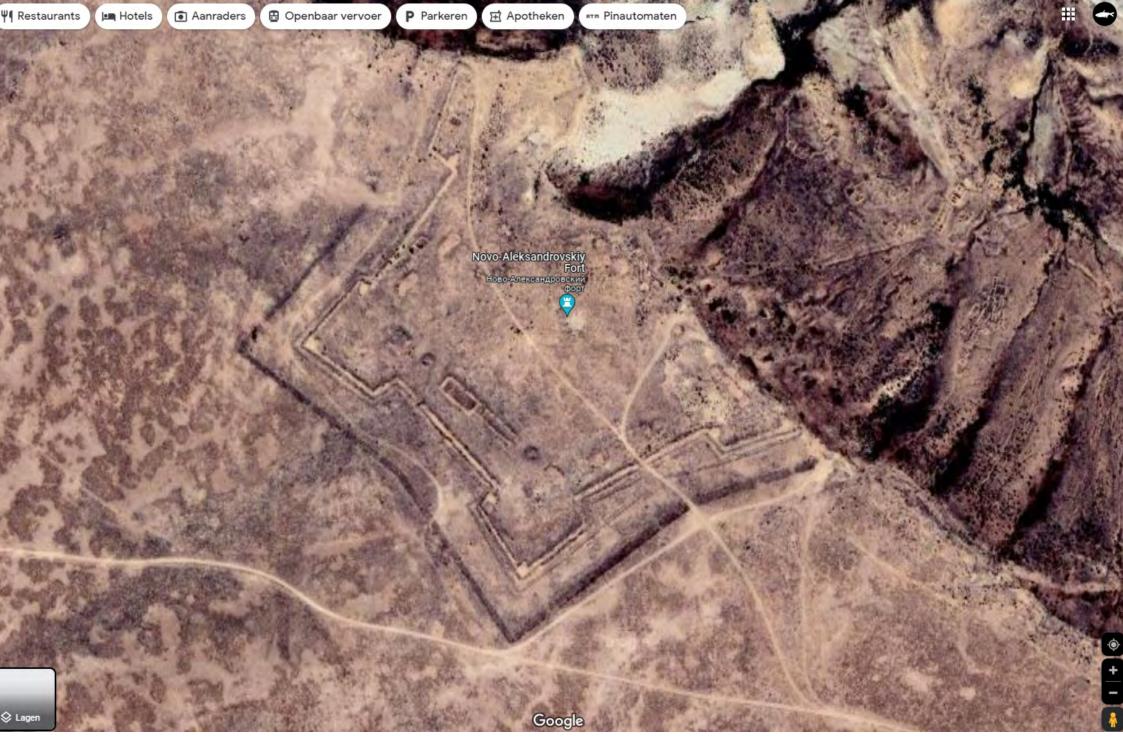




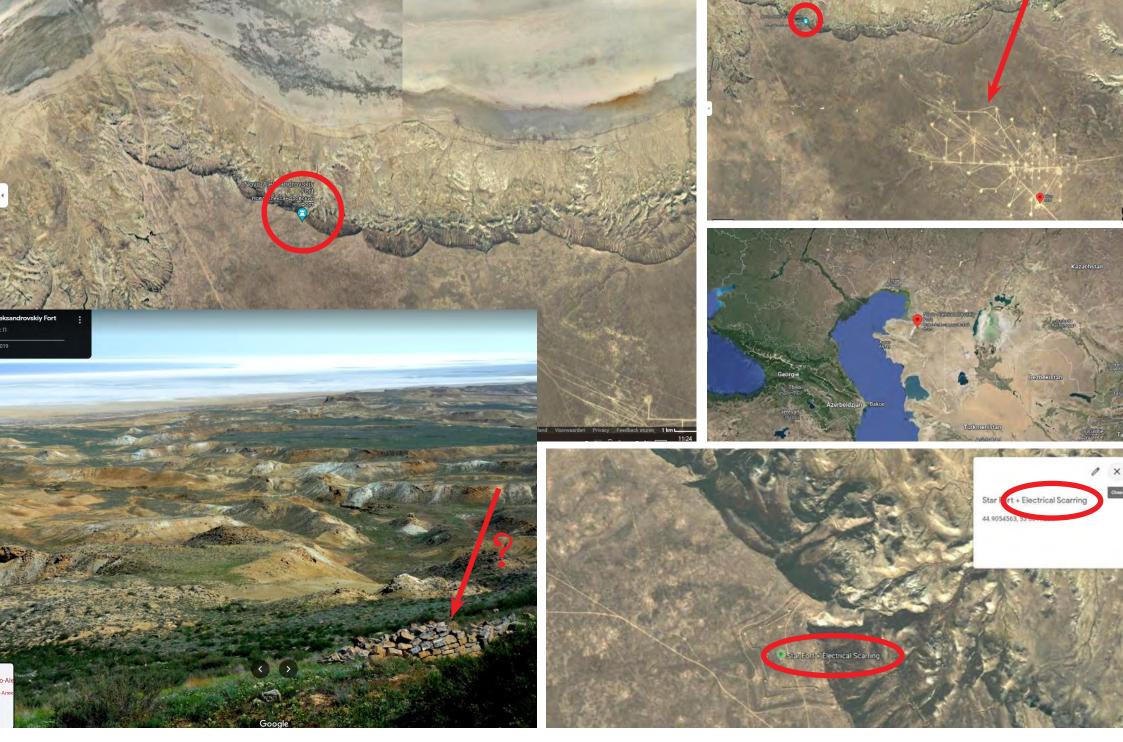




Challenge for a civilized society • 29



History revisited • 30



Challenge for a civilized society • 31



Keystone cuts/ metal clamps



Challenge for a civilized society • 33





Paris Mountain State Park -South Carolina, Greenville USA





filler stone?

# Keystone cuts/ metal clamps

Ancient construction technique seen worldwide

**ETHIOPIA** 

## A STUDY OF STONE-JOINT METAL CLAMPS CHINA AND KOREA DURING THE 6TH-8TH CENTURIES\*

#### Hongnam Kim

in human history and bespeak the inseparable unity of art and technology down to the last detail

Stone-joint clamps have been found globally stretching from South America all the way to the Far Fast, covering a long span of time [Fig. 1].2 By present knowledge, the earliest datable examples come from Egyptian temples of the middle of the second millennium BCE in the shape of a flat rectangular bar with curved-in waist, now commonly referred to as a "dovetail" clamp. Clamp types vary in shape: dovetail, double-T (of "dumbbell-shape") sometimes with circular or semicircular heads, straight bar, the alphabet capitals I and H, and butterfly (or "bow tie"). For the material, iron was the most popular, but wood, stone, bronze, lead, and even gold were used (modern retrofitting is done with steel or titanium). Due to their high cost and the demand for skilled craftsmen to produce both the precision cut of clamp grooves and rust-proof metal clamps, these clamping devices were mostly applied to architecture and monuments built under state and religious commissions of the ancient world. Despite their global presence and continuous reports on new findings, the subject has not received serious scholarly attention.3

This is probably due to the fact that they are mostly found lying buried and thus considered to STUDY ON KEYSTONE CUTS CHINA AND KOREA







**EGYPT IRAN** 

**CAMBODIA** 

MessageToEagle.com in co-operation with Etienne Jokerwiccat







GREECE TUNISIA ITALY PERU















Fig. 14a. Left: Twin three-story stone pagodas, completed in 682, Unified Silla Dynasty, Gameun-sa, Gyeongju, Korea (the western pagoda in front, eastern pagoda in back). Right top: Exposed clamps on the topmost roof-stone of the eastern pagoda; Right bottom: Extracting a clamp (square-headed dumbbell type) from the western pagoda.

# China

Oldest bridge in China: The Zhaozhou Bridge or The Anji Bridge The bridge was constructed in the years 595-605[2] during the Sui dynasty (581-618). Located in the southern part of Hebei Province, it is the oldest standing bridge in China. It is considered one of the Four Treasures of Hebei.

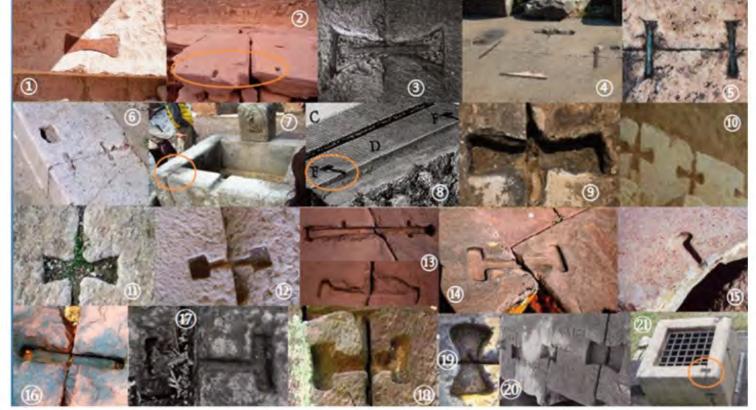


Fig. 1. Examples of stone-joint clamps from around the world: 1) Upper Anubis shrine at the Temple of Hatshepsut, Egypt, Deir El-Bahari, c. 1450 BCE; 2) Theatre at the Acropolis, Greece, 5-4th BCE; 3) Pasagarde, Iran c. 500 BCE; 4) Delphi Temple, Greece, 5th-3rd c. BCE; 5) Oikio Temple, Turkey, mid-4th c. BCE; 6) Roman Forum, Rome, Mid-1st c. BCE; 7) Pompeii, Italy, datable before 79 CE; 8) Aurelian Walls, Rome, 271–275 CE; 9) Artemis Temple, Sardis, Roman Section, 1st-4thc. CE; 10) Tigranakert Roman Ruines, Armenia. 1st c. BCE; 11) Tunisia; 12) Axum, Ethiopia, 3rd-5thc. CE; 13) Puma Punku, Bolivia, pre-Inca; 14) Tiahuanaco, Bolivia, pre-Inca; 15) Tiahuanaco, Bolivia, pre-Inca; 16) Bijamandal Complex, India, pre-13thc. CE; 17) My Son, Vietnam, ca. 10th c. CE; 18) Ankor Wat, Cambodia, ca. 10th c. CE; 19) Angkor Wat, Cambodia, ca. 10th c. CE; 20) Borobudur Indonesia. ca. 9th c. CE; 21) Imperial Palace, Tokyo, Japan, ca. 17th c. CE.



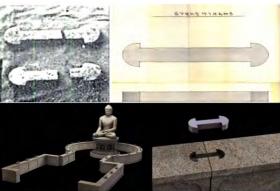
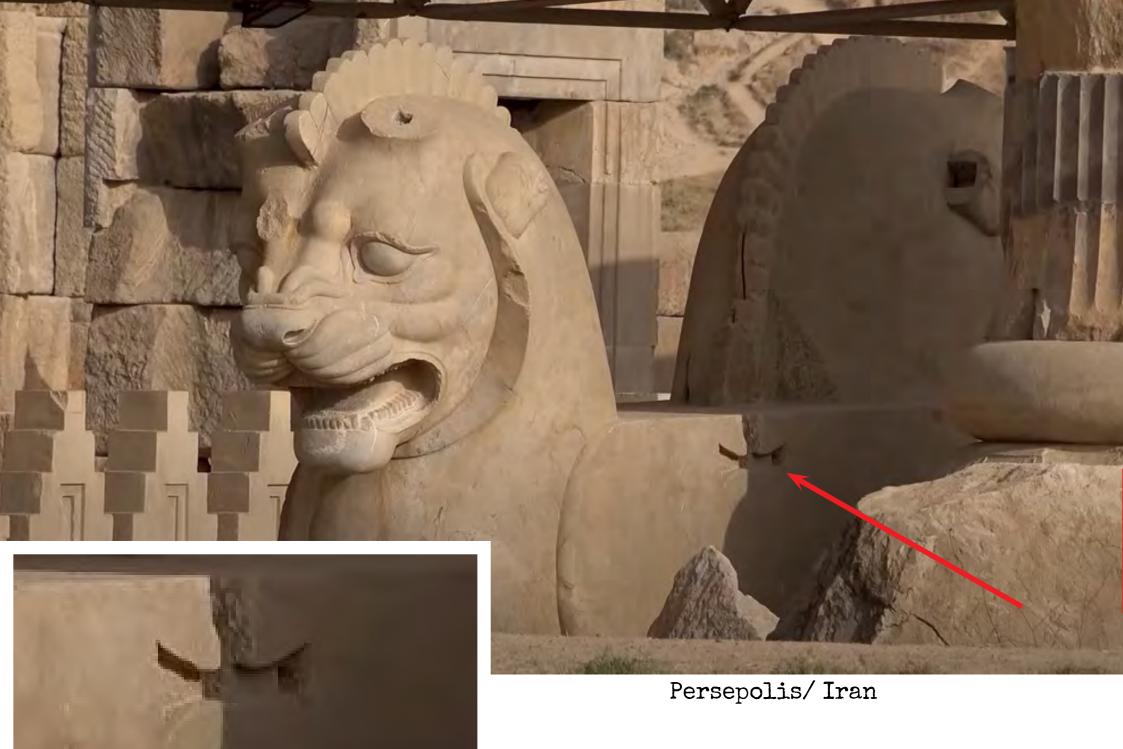


Fig. 20b. Top left: Half-circle head type iron clamps collected during the 1912-1913 Japanese restoration; Top right: Drawing of the clamps found on the lintel stones, from the Japanese report on the 1912-1913 restoration work. Archival collection, National Museum of Korea. Bottom: The layout plan of foundation stones and clamps with a detail of installation, from the National Museum of Korea's documentary "Seokguram Grotto, World Heritage Site."









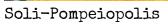


Persepolis/Iran











Challenge for a civilized society • 39













Istrum, Bulgaria

Bruges, Belgium History revisited • 40



Ephesus, Greece



Cambodia



Italy (Narni)



France 10:16 🖾 🗑 🔊 •



File:Odilienberg 6543.jpg

© 3. al 53% a





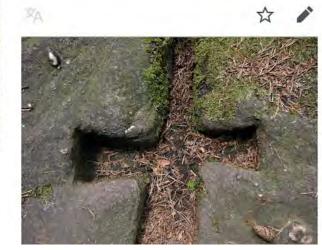






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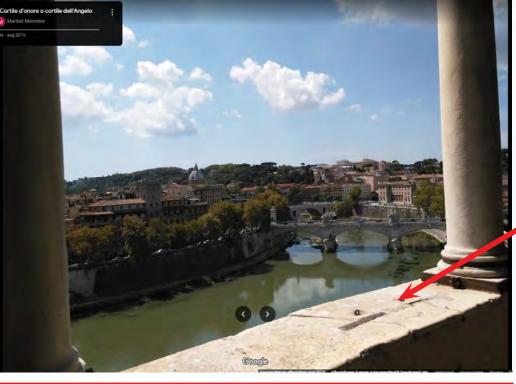
Delphi, Greece



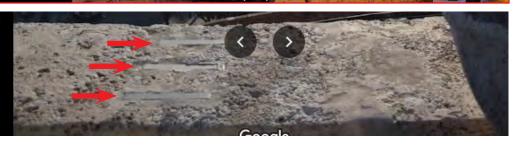
Messene Theater, Greece

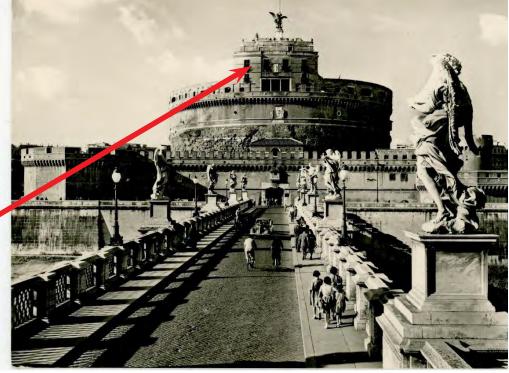


History revisited • 42









Italy, Rome (mausoleum sant'angelo)



Challenge for a civilized society  $\cdot$  43

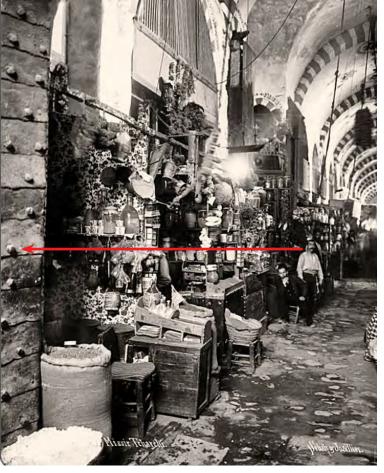


Notre Dame, Paris Construction started in 1163



Notre-Dame Cathedral
Repair after 2019 fire reveals historic Iron 'Staples'
History revisited • 44





claudio ronchietto Foto - aug 2010

Istanbul



Egypt

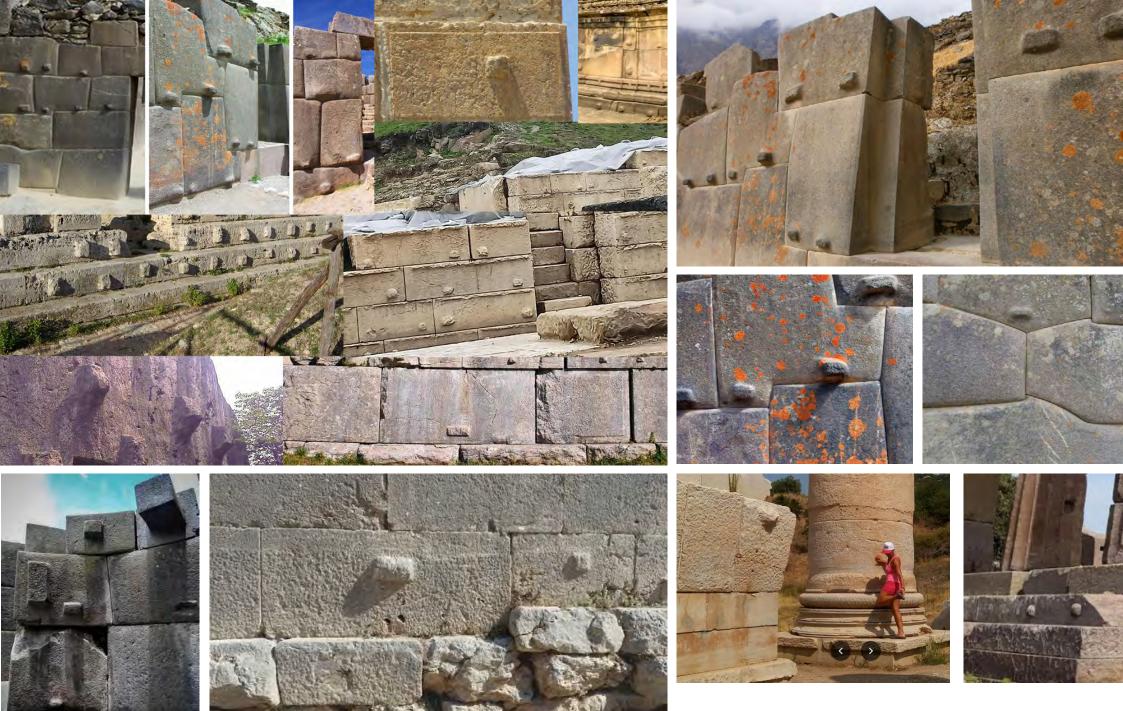
Heraclea Sintica, Bulgaria

Selinunte Archaeological Park

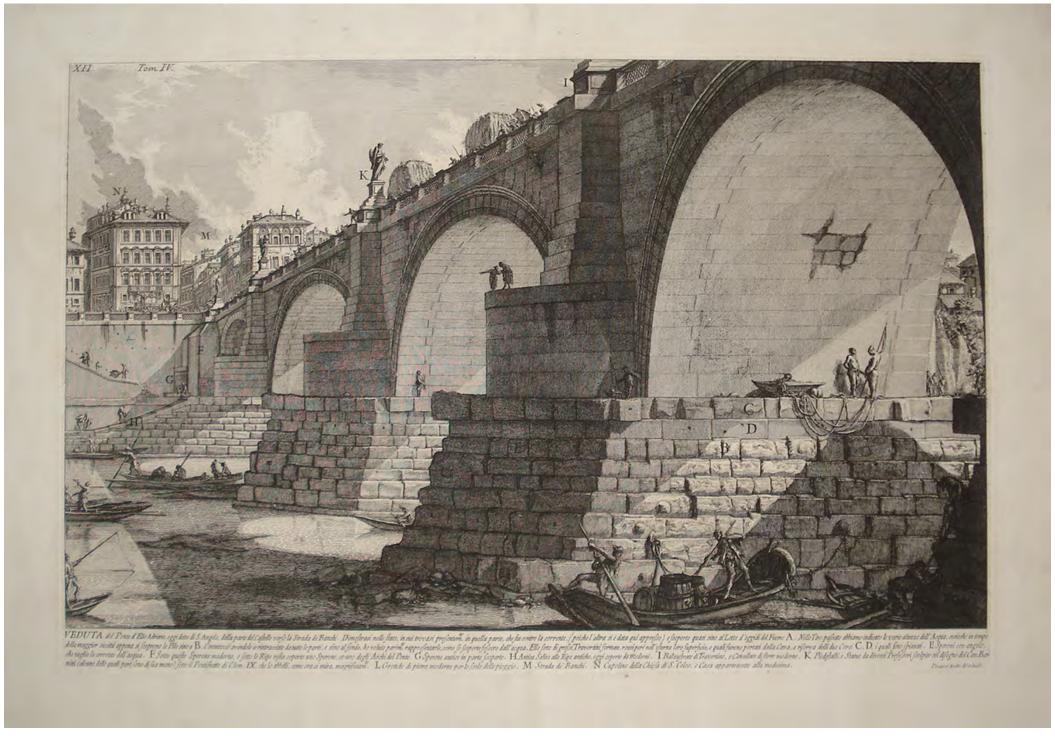
Sicily, Italy



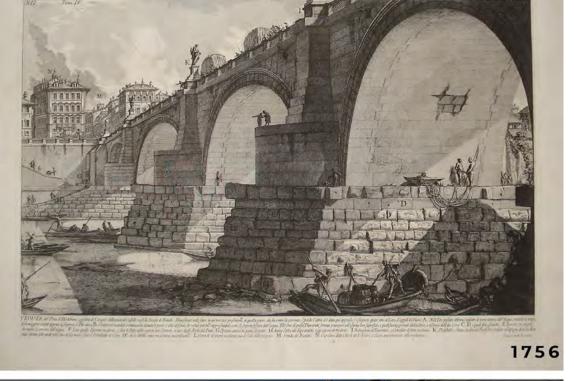
History revisited • 46

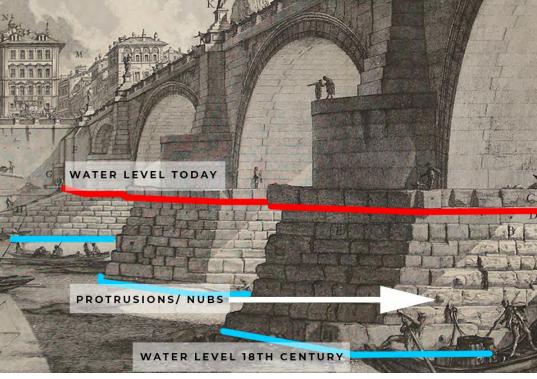


Challenge for a civilized society • 47



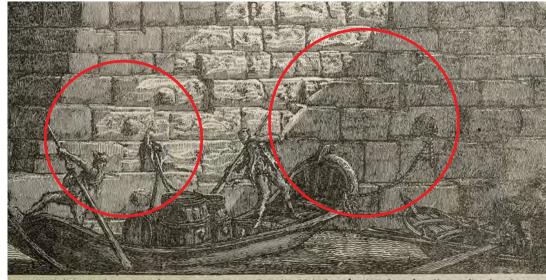
Italy, Rome (Ponte/bridge d' Sant Angelo)/etching by G.B. Piranesi, 1756





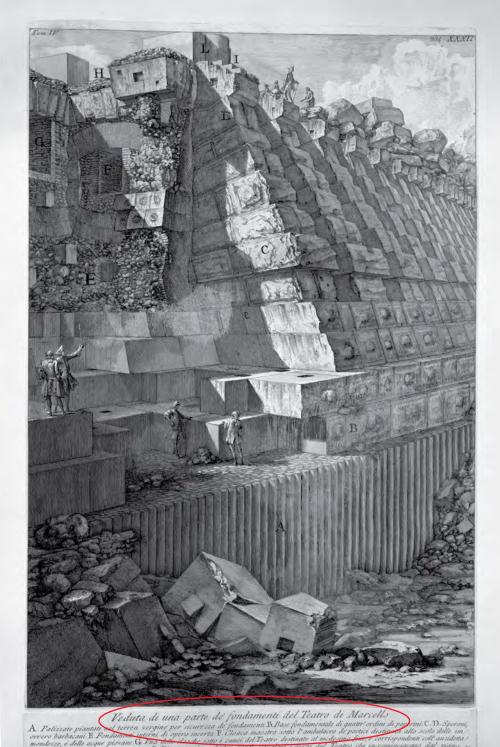


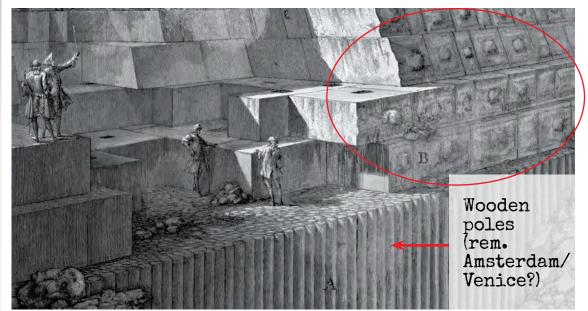




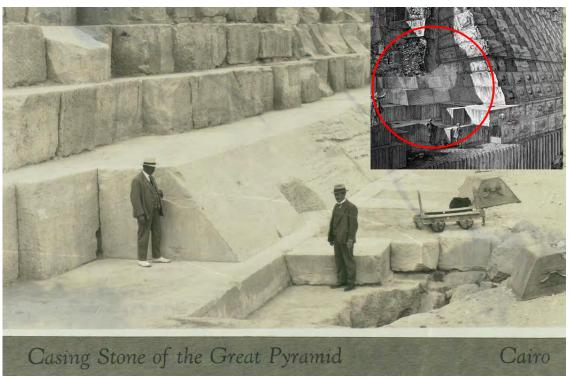
rente, (poiche l'altra si è data qui appresso) e seoperto quast sino al Letto d'oggidi del Fiume A. Nelle Tav. passate abbiamo indicato le varie altesze del. di grossi Travertini formate, rozzi però nell'esterna loro superficie, e quali furono por atti dalla Cava, a riserva delli due Corsi C, D, i quali sono spianati . alle Ripe antiche, oggi coperte da Moderni . I Bataustriate di Travertino, e Cancellate di serro moderne . K. Piedostalli, e Statue da diversi Prosessioni se la la medesima .

N' Cupolino della Chiesa di S. Celso, e Casa appartenente alla medesima .



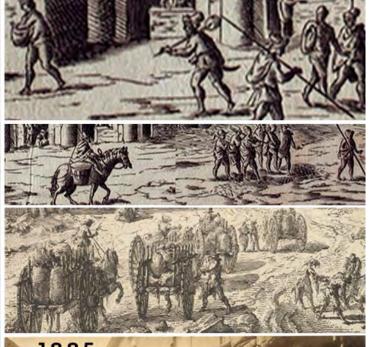


Italy, Rome, foundation Theatre of Marcello



reminds me of...



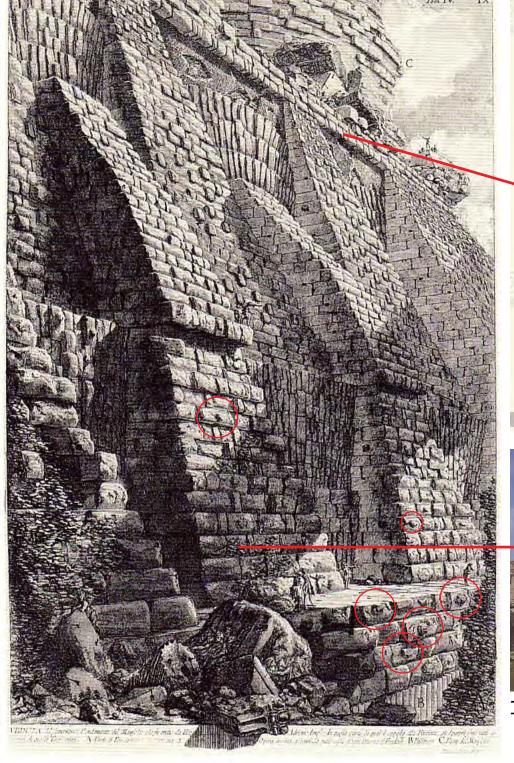








Italy, Rome, Theatre of Marcello



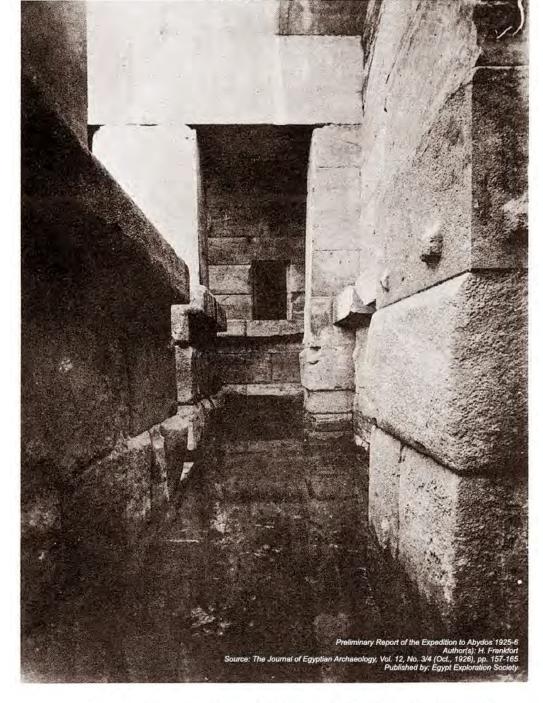








Italy, Rome (Mausoleum d' Sant Angelo/ Hadrian)



 Western side of canal (on the left, the island with the stairs; on the right, broken ledge in front of backing-wall).



 $\mathtt{Egypt}$ 



Serapeum, Saqqara, Egypt



Osirion, Abydos, Egypt

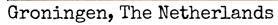


Groningen, The Netherlands Saint George and the Dragon (1959) (own photo)





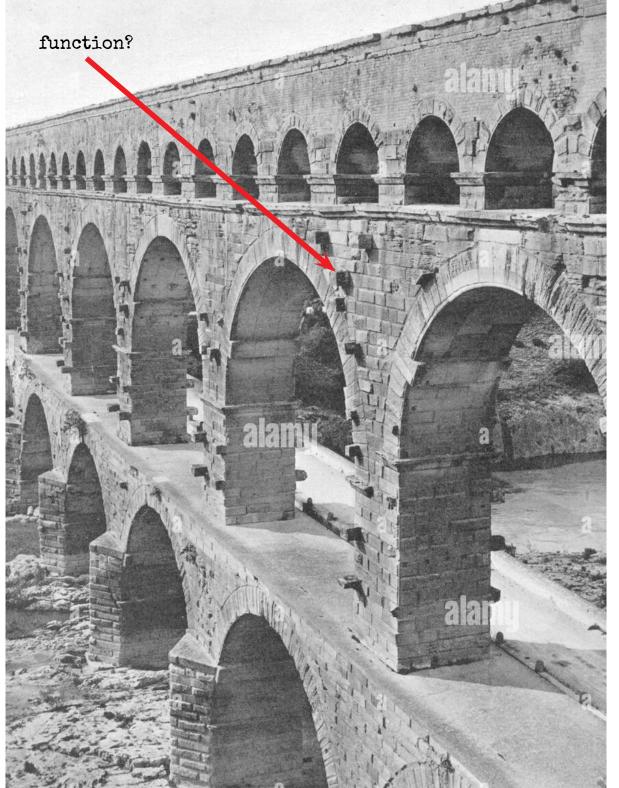














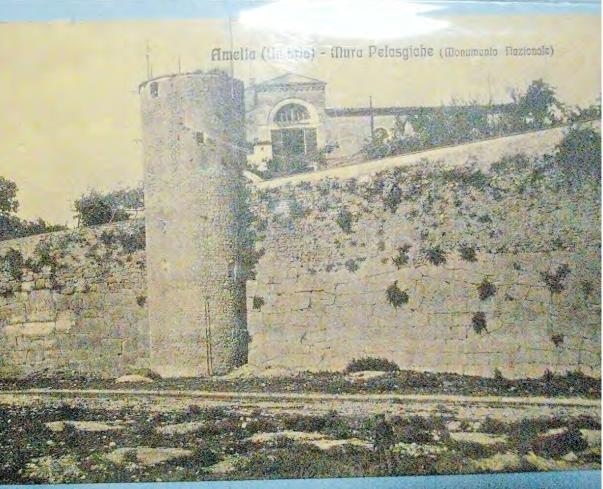




Pont du Gard, France ca. 60 A.D.

Challenge for a civilized society • 55



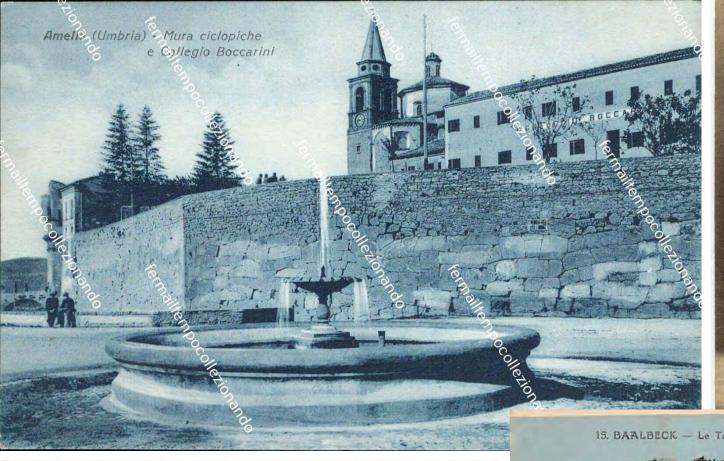


MEGALITHIC (POLYGONAL) MASONRY and other ARCHEOLOGICAL PLACES OF INTEREST rare images/old postcards





History revisited • 56

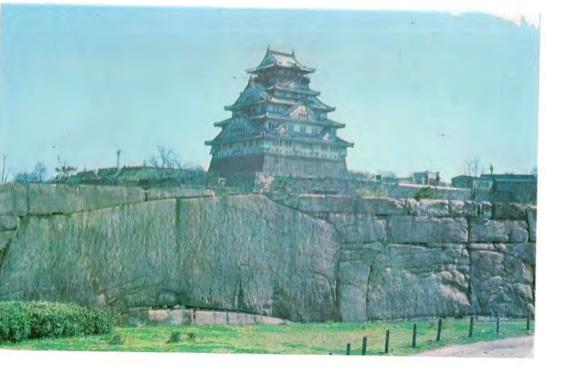


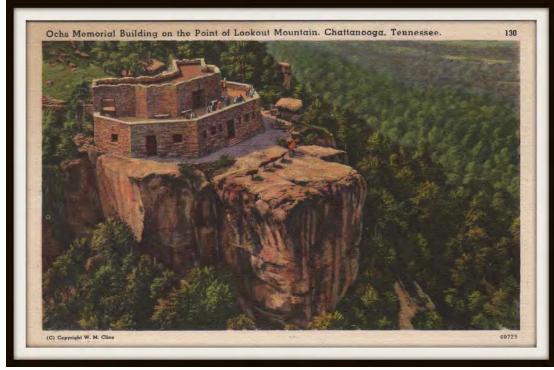




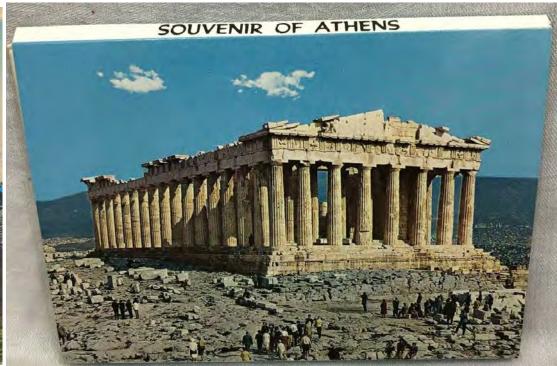


Challenge for a civilized society • 57



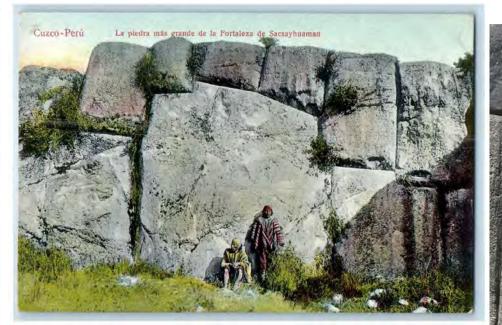


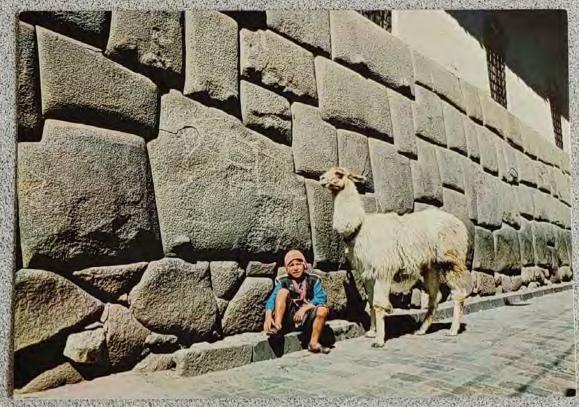




History revisited • 58



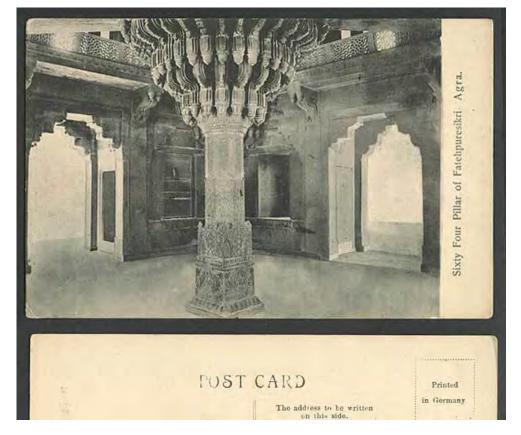


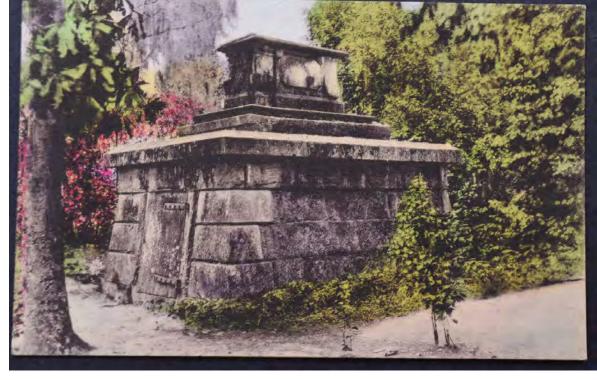




Challenge for a civilized society • 59





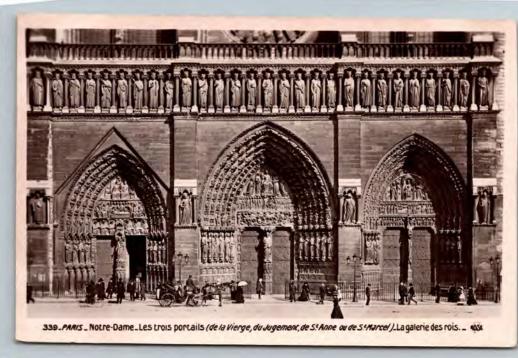










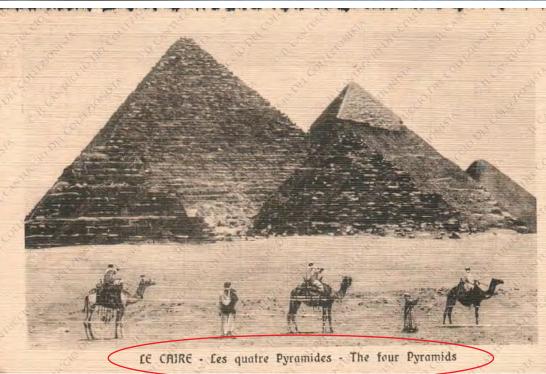




History revisited • 62





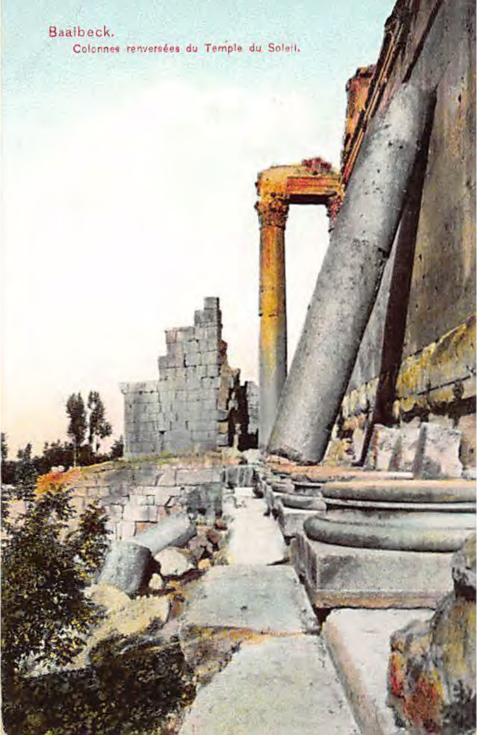




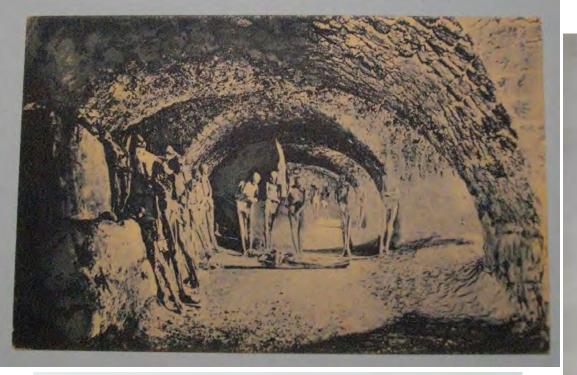
Challenge for a civilized society • 63



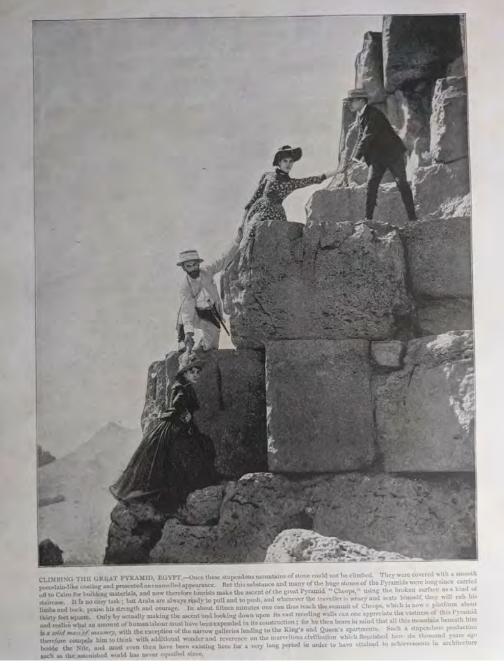




History revisited • 64

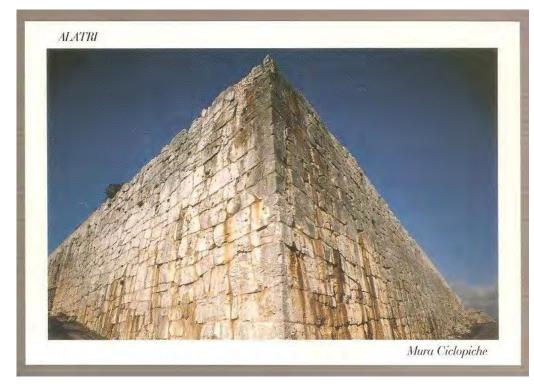






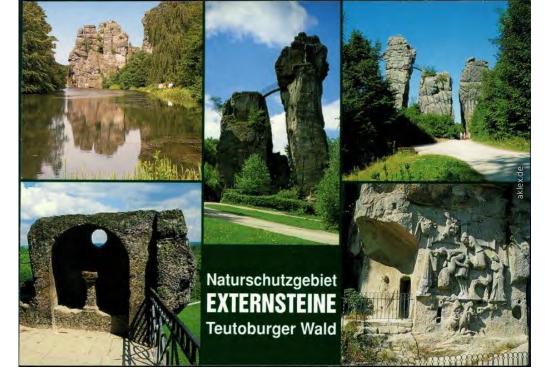




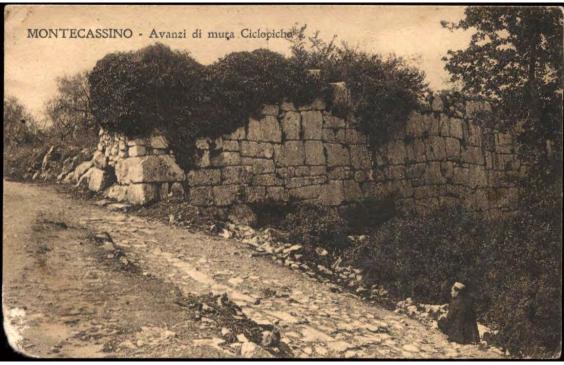




History revisited • 66









Challenge for a civilized society • 67



## random RESEARCH TIPS



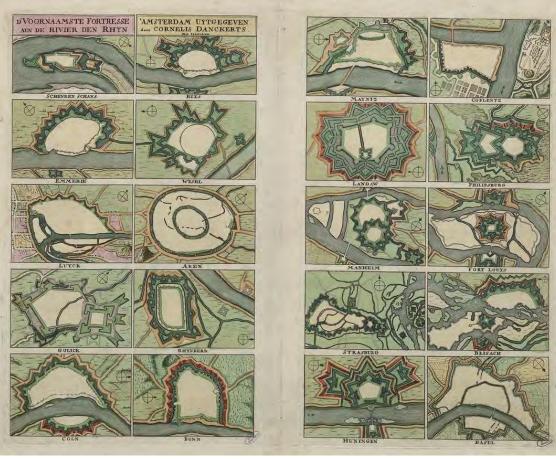
Hue, Vietnam



(Lago di) Piediluco, Terni, Italy



Stone circles, South Africa (!)



Starforts



Tanis, Egypt



History revisited • 68

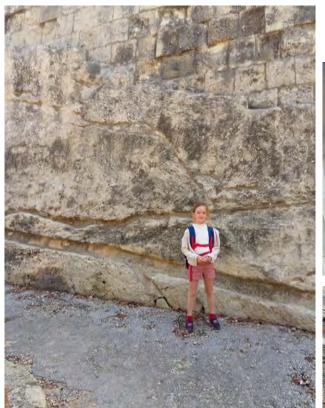




Malta (own photo's)



Victoria Lines



Valletta (!)





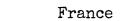
History revisited • 70





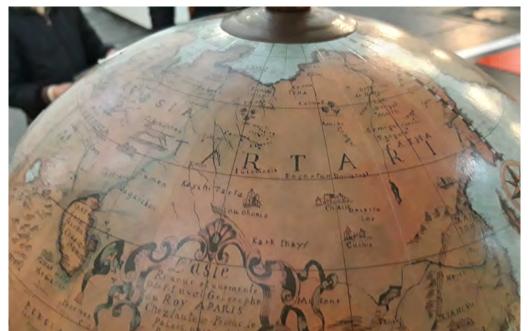


Japan



Challenge for a civilized society • 71

## Nova Hollandia / Antarctica ?











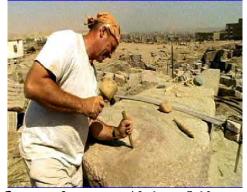
Own photo's
Delft (Old Church),
The Netherlands

History revisited • 72



Source gallica.bnf.fr / Bibliothèque nationale de France

## Copper chisels?



Or maybe something like...

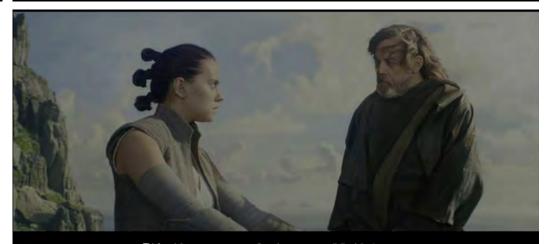












It's the energy between all things,

## Reconstruction Notre Dame after 2019 fire

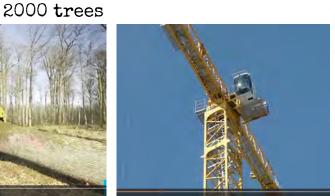


In the days following the fire, French President Emmanuel Macron set a five-year restoration deadline, in time for the 2024 Paris Summer Olympics. In 2019, experts familiar with medieval restoration work said it could take about 15 to 20 years to rebuild the roof, spire, and parts of stone vaulting that fell through to the main sanctuary. Thankfully, the current deadline is closer to Macron's vision.

Although the cathedral plans to reopen for both church services and tourist visits in December 2024, the full restoration won't be complete until 2025, Culture Minister Rima Abdul-Malak told the AP.







Notre Dame's roof gets rebuilt with medieval techniques

The world-famous monument of Notre Dame Cathedral in Paris was damaged from a fire in 2019

How much will it cost to restore Notre-Dame?

The consolidation phase—between 2019 and 2021—cost 165 million euros (USS197 million). The money went toward the stabilization of the vaults inside the cathedral, as well as removing the scaffolding in place at the time of the fire.

French authorities have yet to finalize the budget for the total cost of the renovation work on Notre-Dame, but a major European insurer is comparing the project to the S8 billion worth of renovations currently being done on the British Parliament buildings in London.

Facing a tight deadline to reopen the cathedral by December 2024, carpenters and architects are also using computer design and other modern technologies to speed the reconstruction. Computers were used in the drawing of detailed plans for carpenters, to help ensure that their hand-chiseled beams fit together perfectly.

"Traditional carpenters had a lot of that in their head," Henrikson notes. It's "pretty amazing to think about how they did this with what they had, the tools and technology that they had at the time."

It's slow progress, but the team of engineers, carpenters, and construction workers rema hopeful. "The selection of these first oaks trees is an important step on the road to the rebirth of the cathedral," says Dominique Jarlier, president of the National Federation of Forestry Municipalities. "It's part of a huge transformation." But with all the hard work a determination, it appears the wait will be worth it.

progress (March 2023)

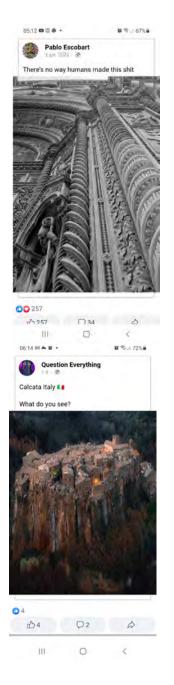


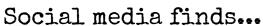
ues to surround the cathedral on March 24, 2023. Photo by





History revisited • 76







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