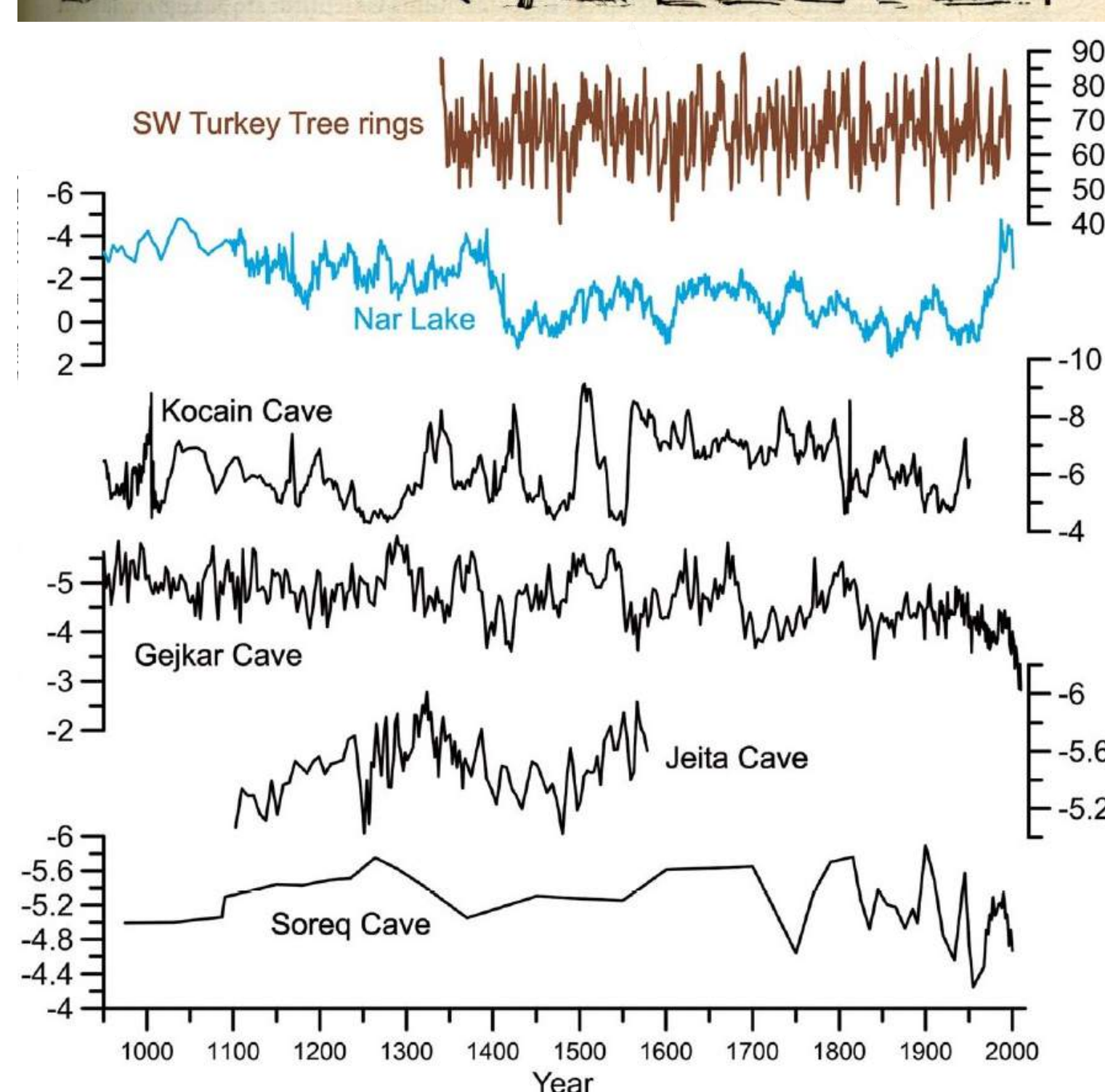
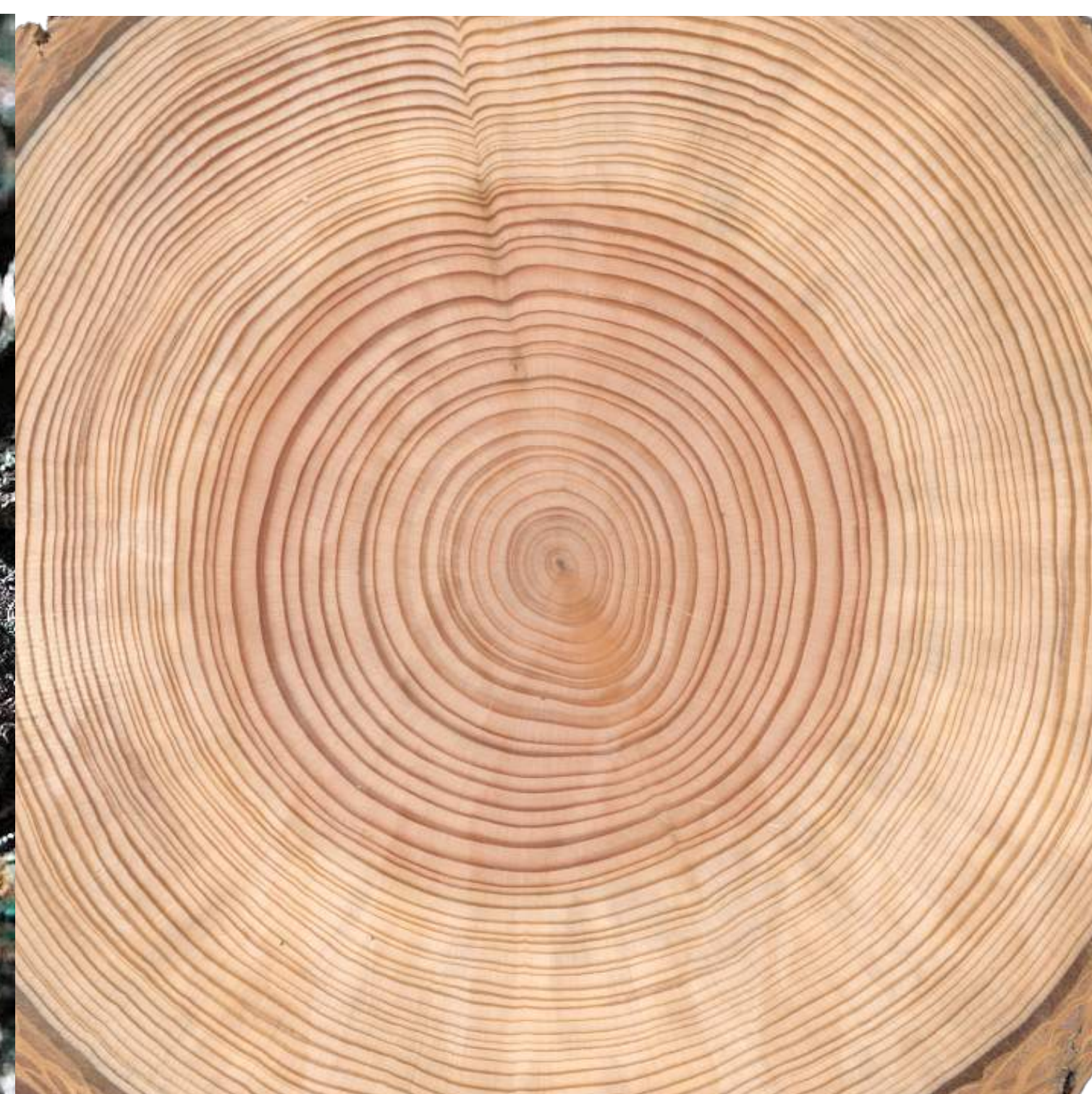
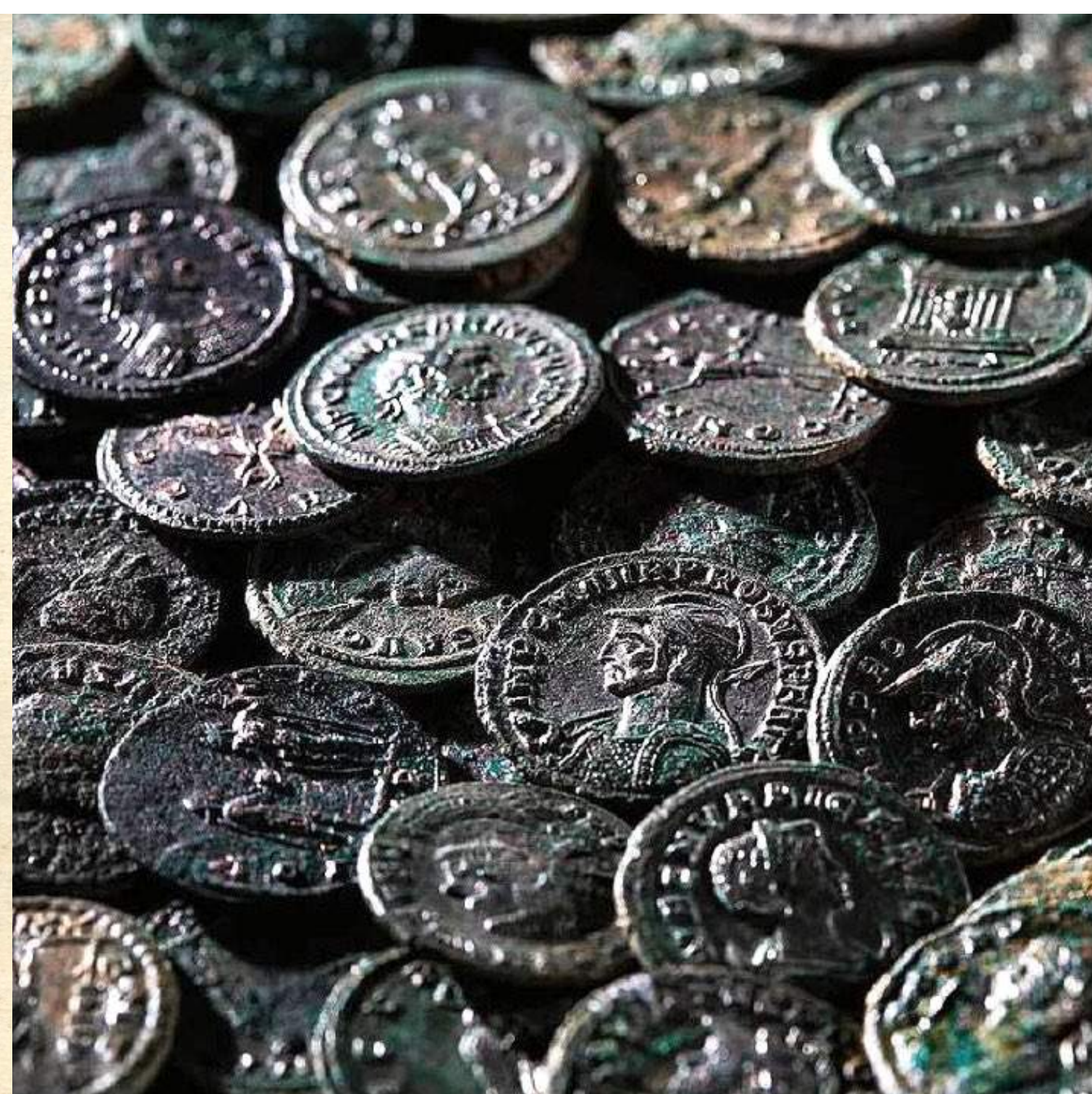




# Climate Science & Ancient History

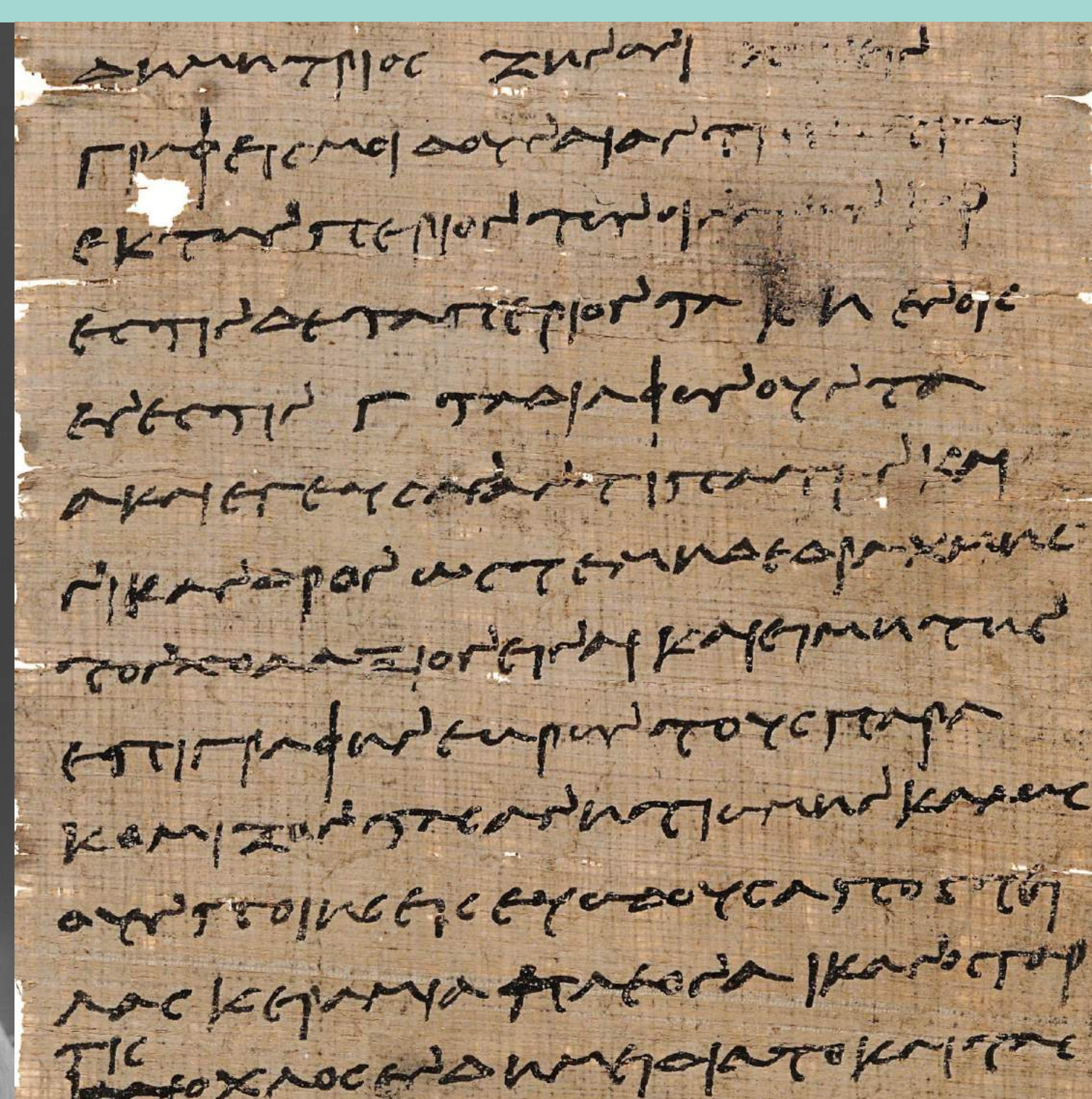
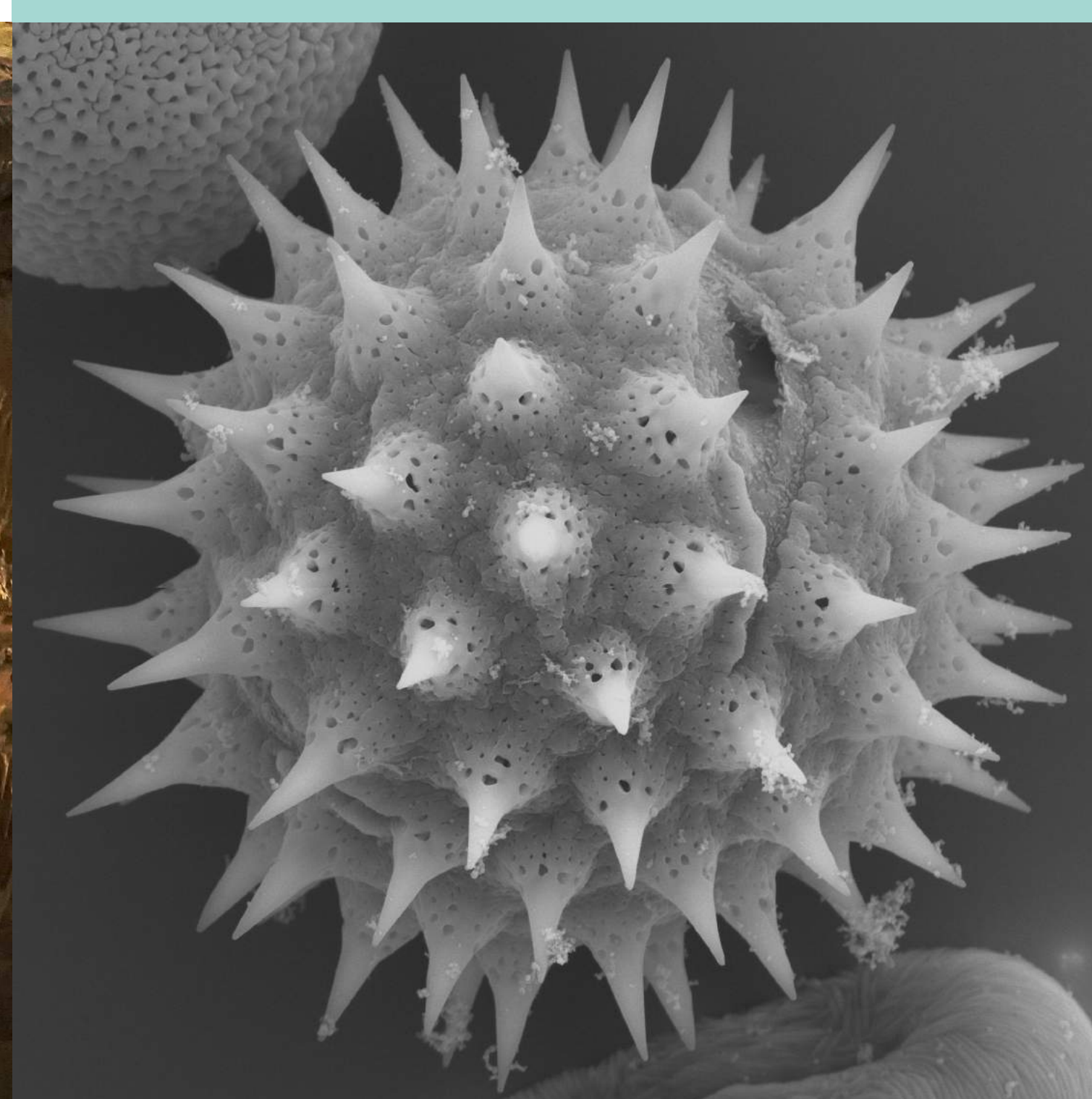
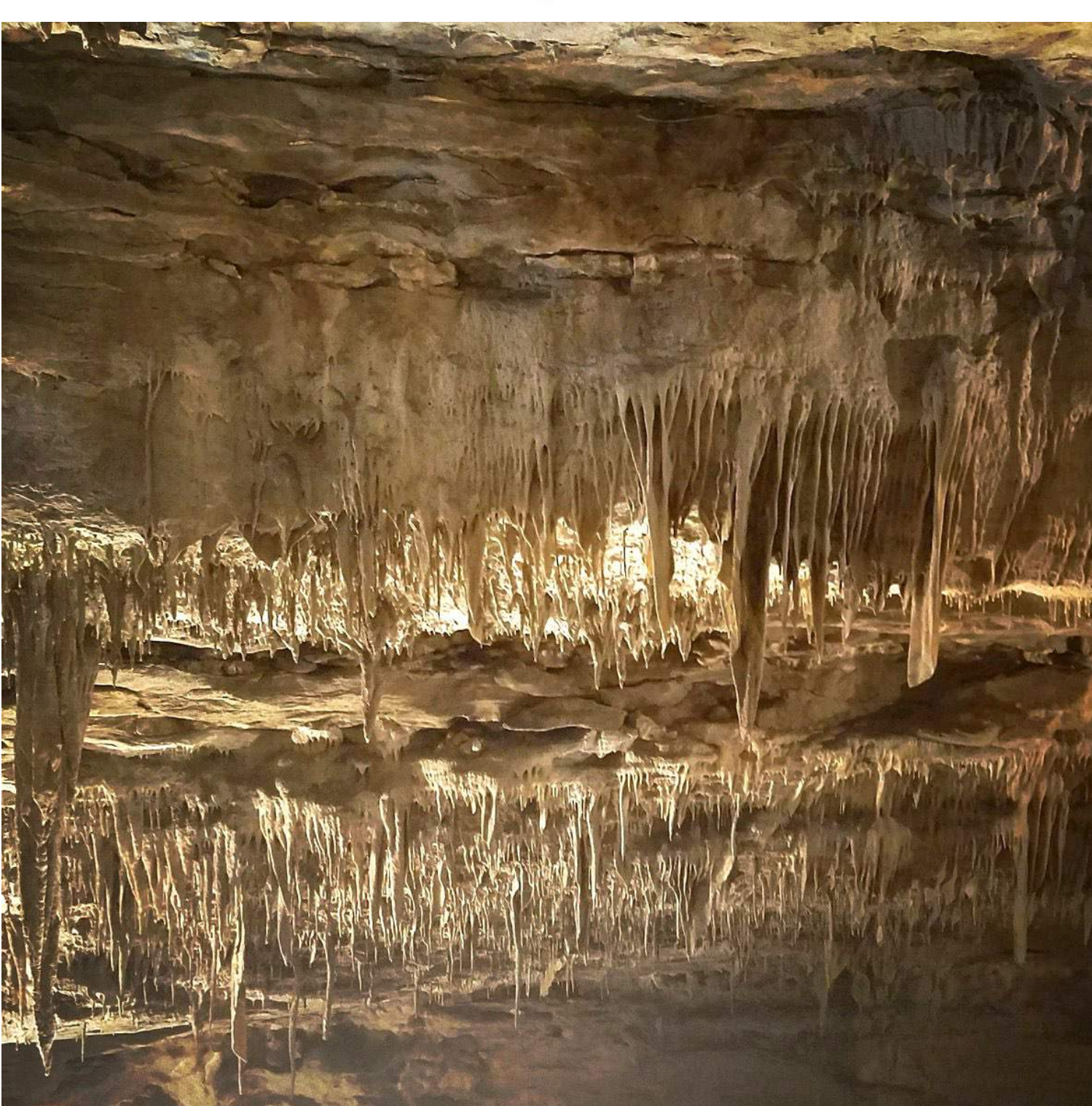
## Decoding «Natural» and «Human» Archives



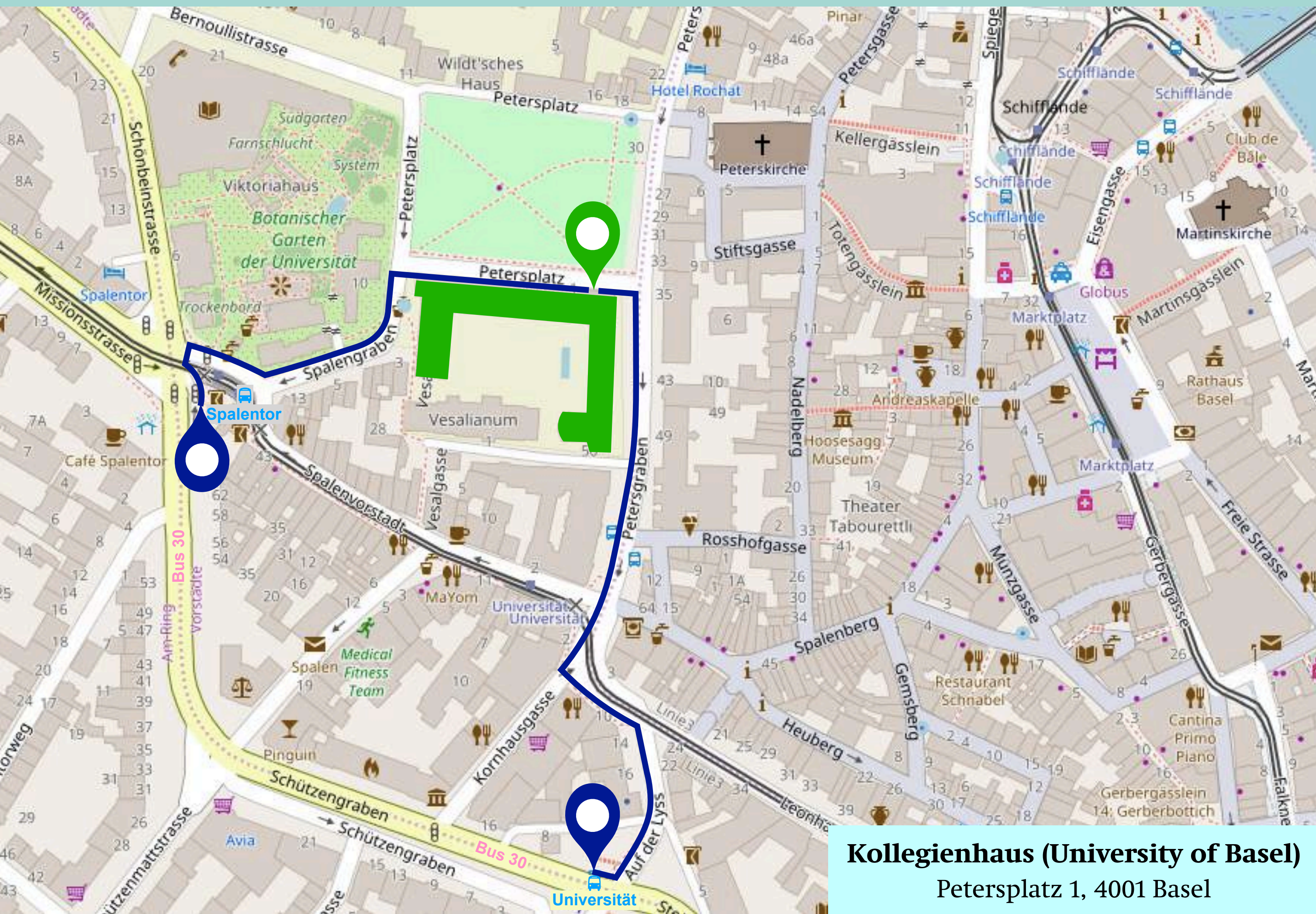
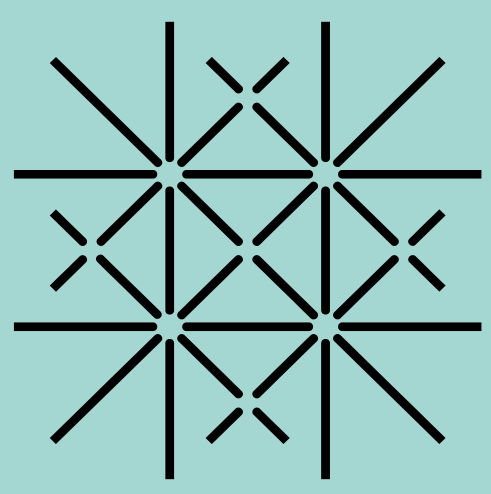
Organizer: Prof. Dr. Sabine R. Huebner

*Basel Climate Science  
& Ancient History Lab*

November 27–28, 2018  
Kollegienhaus, Regenzzimmer 111  
Petersplatz 1, 4001 Basel







Kollegienhaus (University of Basel)  
Petersplatz 1, 4001 Basel

## Tuesday, November 27

13:30 Welcome & Introduction

– 20 Minutes of Paper Presentation & 10 Minutes of Discussion –

Panel Chair: Sabine R. Huebner

- 14:00 ADAM W. SCHNEIDER (UNIVERSITY OF COLORADO BOULDER):  
“New Data for an Old Question: New Paleoclimate Proxy Archives and their Potential Implications for Understanding Societal Disruptions in the Archaic Aegean during the 8th–7th Centuries BC”
- 14:30 RUBEN POST (UNIVERSITY OF PENNSYLVANIA):  
“Perceptions of and Responses to Climate Change in Classical and Hellenistic Greece”
- 15:00 ANTON BONNIER (UPPSALA UNIVERSITY):  
“Domesticated Landscapes of the Peloponnese: Speleothem Data, Climate Variability and Land-Use Dynamics in the Hellenistic and Roman Peloponnese”
- 15:30 JOANA SEGUIN (CHRISTIAN-ALBRECHTS-UNIVERSITY, KIEL):  
“Lake Stymphalia Sediment Record Reveals Late Antiquity Temperature Fluctuations in Southern Greece”
- 16:00 *Coffee Break*

Panel Chair: Serena Causo

- 16:30 PAUL ERDKAMP (VRIJE UNIVERSITEIT BRUSSEL):  
“Climate Change and the Productive Landscape in the Mediterranean in the Roman period”
- 17:00 COSIMO DAMIANO DIELLA & SARAH MURGOLO (UNIVERSITÀ DEGLI STUDI DI FIRENZE & UNIVERSITY OF BONN):  
“Between Archeology and Geology. Climate Changes and Variation of the Coastline in Central – Northern Apulia: The Roman city of Salapia and Ariscianne District (Barletta, Italy)”
- 17:30 General Discussion
- 18:00 *Apéro*
- 18:30 **Keynote Lecture**  
JÜRIG LUTERBACHER (JUSTUS-LIEBIG-UNIVERSITY GIESSEN):  
“Reconstructing Climate back to Greek and Roman Times: Challenges, Opportunities, and Uncertainties”
- 20:00 *Conference Dinner*

## Wednesday, November 28

Panel Chair: Matthias Stern

- 09:00 JOSEPH MANNING (YALE UNIVERSITY):  
“Volcanic Forcing of Nile Variability and Ptolemaic History?”
- 09:30 SABINE R. HUEBNER & MARKUS STOFFEL (UNIVERSITY OF BASEL & UNIVERSITY OF GENEVA):  
“Reconstructing Egyptian Climate during the Graeco-Roman Millennium: Natural and Human Archives”
- 10:00 PAUL KELLY (KING’S COLLEGE LONDON):  
“Climate Risks and the Economy of Roman Egypt”
- 10:30 *Coffee Break*
- 11:00 IRENE SOTO (UNIVERSITY OF BASEL):  
“Beyond the Nile: Wells, Desertification, and Economic Resilience in the Western Oases of Roman Egypt”
- 11:30 General Discussion
- 12:00 *Lunch Break*

Panel Chair: Irene Soto

- 14:00 JOSEPH R. MCCONNELL (DESERT RESEARCH INSTITUTE, NEVADA):  
“Lead Pollution Archived in Greenland Ice as a Proxy for Economic Activity during European Antiquity”
- 14:30 JONATHAN P. STANFILL (UNIVERSITY OF PORTLAND):  
“A Deafening Silence: The Challenges of Writing an Environmental History of the Goths”
- 15:00 ADAM IZDEBSKI (MAX PLANCK INSTITUTE, JENA):  
“Was Byzantium Resilient to Climate Change? State of the Question and Ways Forward”
- 15:30 *Coffee Break*
- Panel Chair: Jürg Luterbacher
- 16:00 MATTHEW JACOBSON (UNIVERSITY OF READING):  
“A Collapse of Himyar? Correlative Causality and South Arabia in the 6th Century CE”
- 16:30 LIANG EMLYN YANG (CHRISTIAN-ALBRECHTS-UNIVERSITY, KIEL):  
“The Role of Environment in the Socio-Cultural Changes along the Historical Silk Road in Central Asia”
- 17:00 Final Discussion



ANCIENT HISTORY

Department of Ancient Civilizations

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