



**UCL**



## ARCL0200

### Middle Bronze Age to the Iron Age in the Near East: City-States and Empires

2023-24

Term 2

MA/MSc module

15 credits

(15 credits)

Wednesdays 1.30-3.30 pm, Room 209 Institute of Archaeology

Moodle Password: IoA2324

Coordinator: Dr Mark Altaweel

m.altaweel@ucl.ac.uk

Room 103. Tel: 020 7679 74607 (Internal: 24607)

**Office hours: 11:00-1:00 PM on Wednesdays**

Essay 1 due date:	March 1, 2024
Turnitin deadline:	March 1, 2024 (midnight)
Hardcopy deadline:	March 15, 2024 , 5 pm
Assignment returned:	20 March 2024
Essay 2 due date:	April 22, 2024
Turnitin deadline:	April 22, 2024 (midnight)
Hardcopy deadline:	April 29, 2024, 5 pm
Assignment returned:	13 May 2024

#### IMPORTANT INFORMATION REGARDING ASSESSMENTS:

The **coursework coversheet** is available on the course Moodle pages and here: <https://www.ucl.ac.uk/archaeology/current-students> under "Policies, Forms and Guidelines".

Please enter **your five-digit candidate code on the coversheet and in the subject line** when you upload your work in Moodle.

Please use **your five-digit candidate code as the name of the file** you submit.

Please refer to the IoA Student Handbook and IoA Study Skills Guide:

<https://www.ucl.ac.uk/archaeology/current-students/ioa-student-handbook>

<https://www.ucl.ac.uk/archaeology/current-students/ioa-study-skills-guide>

**for instructions on coursework submission, IoA referencing guidelines and marking criteria, as well as UCL policies on penalties for late submission, over-length work and academic misconduct.**



## 1. MODULE OVERVIEW

### **Module description**

This course trains students in identification and interpretation of primary archaeological evidence from the ancient Near East (=Mesopotamia, the Levant, Anatolia/Turkey, Iran, the Arabian Gulf, and Arabia). Periods covered are the Middle Bronze Age to the end of the Iron Age (ca. 2000-539 BC). The primary data consist of (1) published site and survey reports; (2) archaeological artefacts from collections held by the Institute of Archaeology; (3) selected unpublished data from Institute research projects. The aim is to teach students how to analyse primary evidence relating to research problems in cultural transformations in the Near East: migrations; trade and diplomatic contacts; the evolution of urban and rural societies; and the rise of major empires are themes covered. While other parts of the world were undergoing some similar transformations as those outlined, the Near East continued to play an important role in these themes and has been used by scholars from different fields in discussing how these events have shaped human history.

### **Learning Outcomes**

After completion of the course students should: (1) understand the nature of primary evidence from ancient Near Eastern sites covering the Middle Bronze through the Iron Ages/post-Iron Age; (2) be able to identify material culture from these periods as to region and sub-period; (3) understand how to critique and use artefacts and other primary evidence in formulating research questions and research designs on major cultural transformations within the discussed periods; (4) be able to carry out their own research on objects or fieldwork for the areas and periods covered; (5) be able to write original papers and to make effective presentations on primary data.

### **Methods of Assessment**

See schedule for due dates and the separate section on essay topics. Assessment is based on two essays; the first essay is 1000 words and the second essay is 3000 words. The first assessment is 30% of the final grade and the second is 70%. Essay 1 will be a critique/review of a site report, a survey report, or an existing material culture study (choices are shown in session outlines below). Essay 2 will be an original research paper, incorporating analysis of primary evidence, on a topic devised jointly by the student and the course coordinator. For Essay 2, each student will give a brief preliminary presentation (not assessed) on the proposed research design for the research paper, before the paper is written. Feedback from other students and from the course coordinator will assist the student in producing the final result. This will be an example of group learning; peer-assisted learning; and the teaching of research design, which will contribute to preparation for MA dissertation work. If students are unclear about the nature of an assignment, they should discuss this with the Module Co-ordinator.

Students are not permitted to re-write and re-submit essays in order to try to improve their marks. However, students may be permitted, in advance of the deadline for a given assignment, to submit for comment a brief outline of the assignment.

The Module Co-ordinator is willing to discuss an outline of the student's approach to the assignment, provided this is planned suitably in advance of the submission date. The nature of the assignment and possible approaches to it will be discussed in class, in advance of the submission deadline.



## Communications

1. **Moodle is the main hub** for this course.
  - Important information will be posted by staff in the **Announcements section of the Moodle page** and you will automatically receive an email notification for these.
  - For personal queries, please contact the co-ordinator by email.

## Week-by-week summary

*The weekly schedule should now be set as Weeks 1–11.*

Week	Date	Topic	Lecturers
1	10/1/2024	Introduction How the Near East transformed at the end of the Early Bronze The Middle Bronze Age World: Trade, Migration, and War	Mark Altaweel
2	17/1/2024	The Middle Bronze in Mesopotamia The Middle Bronze in Iran, the Gulf, and Arabia	Mark Altaweel
3	24/1/2024	The Middle Bronze in the Levant The Middle Bronze in Anatolia	Georgia Andreou
4	31/1/2024	From the Middle Bronze to the Late Bronze: Broad Themes and Topics The Diplomatic Age	Mark Altaweel
5	7/2/2024	The Late Bronze in Mesopotamia The Late Bronze in Iran, the Gulf, and Arabia	Mark Altaweel
6		READING WEEK	
7	21/2/2024	The Late Bronze in the Levant The Late Bronze in Anatolia	Georgia Andreou
8	28/2/2024	The Iron Age: The Emergence of Large Empires A Material Culture of Empire	Mark Altaweel
9	6/3/2024	The Iron Age of Mesopotamia The Iron Age of Iran The Iron Age of Arabia and the Gulf	Mark Altaweel
10	13/3/2024	The Iron Age in the Levant The Iron Age in Anatolia	Georgia Andreou
11	20/3/2024	The Age of Universalism and Universal Empires	Mark Altaweel

## Lecturers (or other contributors)

Mark Altaweel (MA)



Georgia Andreou (GA)

## **Weekly Module Plan**

The module is taught through lectures and discussions. Students will be required to undertake set readings and complete pre-class activities in order to be able to actively participate in the discussion.

## **Workload**

Class sessions: 20 hours. Reading: ca. 80 hours. Producing assessed work: ca. 50 hours. Total for course: ca. 150 hours.

## **ASSESSMENT**

### Essay 1: Book Review (1000 words) (30%; due 1/3/2024)

Select one archaeological book or long article (i.e., those that are near or typically the length of books) report concerning excavations conducted, presentation of material cultures, or larger argument using material culture to discuss a region or regions in the Near East in a given period. You may select any book from the weekly readings, including required reading and other suggested readings. If you want to select anything not listed in the reading list you must talk to the course coordinator for approval. The book review should be formatted as a professional book review, as if for a journal. The readership would, therefore, be knowledgeable professionals in Near Eastern archaeology. The emphasis is on critique and assessment of how the work contributes to, or fits in with, recent related research (as revealed by other recent works). For example, if you are reviewing something published in 1995, you want to discuss in what ways later publications render the book out of date or perhaps diminish some of the evidence presented. Consider methods of excavation or survey; how the results change the overall picture of the period in question; whether the data contradict or agree with other recent evidence from the period. You are trying to critique the intellectual substance of the work in the context of the current state of research, with emphasis on methods of research/analysis and quality of data. For examples of reviews, see major journals and how they structure reviews. The Moodle site will also have review examples. If there are existing reviews for a given volume, you should discuss how your review differs from the other review(s). Include criticism of problem orientation, aims, methods, data analysis, results, interpretations. Finally, discuss the strongest or best chapters/sections.

### Essay 2: Research Essay (2000 words) (70%; due 22/4/2024)

The research essay should be an attempt to write an original, short, publishable paper for a journal. Choose a topic that interests you and see the course coordinator to discuss it. Be sure that the topic you choose does not involve any overlap with what you have written in the Book Review (i.e., Essay 1) or other essays in courses.

Part of the assessment will be on how well you formulate your research question. Research questions should not be descriptive, too basic, too limited or narrow in scope, or based on unexamined or simplistic theoretical assumptions. The essay should support or refute a given argument or position. You should address a research question, decide your position, and



defend your views using reasonable evidence.

In addressing the topic, your goal is to find artefacts or primary data to work with directly (e.g., in IoA collections, settlement surveys and material culture from publications, or you could also consider other museum collections). State the research design at the beginning (in introductory paragraphs), as follows:

1. The research problems/questions.
2. The data you have chosen in order to address them.
3. A discussion/defence of what and why you chose those data (e.g., this includes scope, type of data, quality of data, sampling problems, etc.).
4. The methodology you will use in order to address the problem. For example, comparisons of certain units such as features, architecture, sites, regions, or other archaeological features (large or small).
5. Then do the analysis.
6. Finally, provide a discussion and/or conclusion.

Do not just write a description/critique of other works. You are trying to provide your own analysis and approach and assess wider implications of the results on the Near East and archaeology. Provide details of the evidence, use citations where data presentations are long, but summarise relevant parts of the data, and present adequately the problems or possibilities of data utilised. Use concrete, specific examples in the archaeological record where relevant. The use of charts, diagrams, or illustrations to highlight your points is strongly encouraged.

*Please consult with the course coordinator on a topic or if you have general questions. Choose on a topic from one of the following regions:*

## RESOURCES AND PREPARATION FOR CLASS

### Preparation for class

You are expected to read the **Essential Readings as well as attend class each week**. Completing the readings is essential for your effective participation in the activities and discussions that we will do, and it will greatly enhance your understanding of the material covered. **Further readings are provided** for you to get a sense of the range of current work on a given topic and for you to draw upon for your assessments.

## GENERAL WORKS FOR BACKGROUND AND REFERENCE

### Introductory Texts

Altaweel, Mark, and Andrea Squitieri. 2018. *Revolutionizing a World: From Small States to Universalism in the Pre-Islamic Near East*. London: UCL Press.

<https://www.uclpress.co.uk/products/87846>. (see Chapter 2 for timespan covered in course).

Chavalas, Mark W., ed. 2012. *Women in the Ancient Near East: A Sourcebook*. Routledge



Sourcebooks for the Ancient World. London: Routledge. ANCIENT HISTORY B 65 CHA

Gates, Charles. 2003. *Ancient Cities: The Archaeology of Urban Life in the Ancient Near East and Egypt, Greece and Rome*. London ; New York: Routledge.

Glatz, C. 2020. *The Making of Empire in Bronze Age Anatolia: Hittite Sovereign Practice, Resistance, and Negotiation*. 1st ed. New York: Cambridge University Press.

Greenberg, R. 2019. *The Archaeology of the Bronze Age Levant: From Urban Origins to the Demise of City-States, 3700–1000 BCE*. 1st ed. Cambridge: Cambridge University Press. eBook access available.

Howland, M.D., Tauxe, L., Gordin, S., Altaweel, M., Cych, B., Ben-Yosef, E., 2023. Exploring geomagnetic variations in ancient mesopotamia: Archaeomagnetic study of inscribed bricks from the 3rd–1st millennia BCE. *Proc. Natl. Acad. Sci. U.S.A.* 120, e2313361120. <https://doi.org/10.1073/pnas.2313361120>

Liverani, Mario. 2014. *The Ancient Near East: History, Society and Economy*. London ; New York: Routledge/Taylor & Francis Group. ANCIENT HISTORY B 5 LIV.

Podany, Amanda H. 2014. *The Ancient Near East: A Very Short Introduction*. Very Short Introductions. Oxford ; New York: Oxford University Press.

Potts, D.T. (e.d.). 2012. *A Companion to the Archaeology of the Ancient Near East*. Chichester: Wiley-Blackwell. INST ARCH DBA 100 POT. Read only chapters for basic background on Near East archaeology.

Radner and Potts (eds). 2020-22. *Oxford History of the Ancient Near East*. See series and volume online in reading list.

Sagona, A.G., Zimansky, P.E., 2009. *Ancient Turkey*. Routledge, London. INST ARCH DBC 100 SAG

Snell, Daniel C. 2020. *A Companion to the Ancient Near East*. Malden, MA: Blackwell Pub. <https://onlinelibrary.wiley.com/doi/book/10.1002/9781119362500>. eBook access available.

Yasur-Landau, A., Cline, E.H., and Rowan, Y. 2018.. *The Social Archaeology of the Levant: From Prehistory to the Present*. Cambridge: Cambridge University Press. eBook access available.

### **Selected Journals**

Akkadica, Anatolian Studies; Anatolica; Anatolica Antiqua ; Annales archéologiques arabes syriennes (AAAS) ; Annual of the Dept. of Antiquities of Jordan (ADAJ) (Jordan); Arabian Archaeology and Epigraphy; Arabian Studies; Arastirma Sonuçları Toplantısı (AST) ; Bulletin d'Archéologie et d'Architecture Libanaises (BAAL); Berytus ; Bulletin of the American Society of Overseas Research (BASOR); Excavations & Surveys in Israel; Israel Exploration Journal; Iraq; Iran; Journal of Mediterranean Archaeology; Journal of Oman Studies; Kazi Sonuçları Toplantısı (KST); Levant; Near Eastern Archaeology (formerly Biblical Archaeologist); Paléorient; Palestine Exploration Quarterly, Proceedings of the



Seminar for Arabian Studies; Studies in the History & Archaeology of Jordan (SHAJ) (Jordan); Syria. Also, see science (e.g., Journal of Archaeological Science, Journal of Archaeological Method and Theory) and heritage (Journal of Cultural Heritage) journals for other topics covered that overlap with Near East Areas.

## Libraries and Resources

The Institute of Archaeology library; UCL's other libraries (e.g., Main, Hebrew, Watson, esp. Anthropology). Other useful libraries: the British Museum, the Palestine Exploration Fund (PEF), SOAS, Senate House; the British Library. A letter is required to use some of these. Note: the PEF is inexpensive and has a superb library: <http://www.pef.org.uk/>.

## **SYLLABUS**

**Session 1:** 10 January 2024

Session Lecturer: MA

### **Introduction**

**How the Near East transformed at the end of the Early Bronze**

**The Middle Bronze Age World: Trade, Migration, and War**

*Summary:* We review the major events that closed the Early Bronze Age, including social and environmental reasons as to why major transformations between the third and second millennium BC occurred. We consider the Near East setting at the end of the third millennium and how it sets the stage for major cultural transformations in the second and first millennium.

We also consider major themes in the Middle Bronze Age. Throughout this course, we will look at major periods by looking at common themes and the overall setting in the Near East. Therefore, we will always try to integrate and tie the regional sequences and material cultural expressions. Having a combination of detailed regional material cultural remains and broader themes that cover multiple regions will allow one to understand broader theoretical issues while also having some knowledge of regional sequences used to demonstrate or counter these major themes. In this first week, we see how themes of trade, migration, and war play a major role in the material culture that spanned this period. How are these themes relevant and what ways would you expect material cultural to express or demonstrate these themes?

Note: readings marked with an asterisk are considered essential readings for the course session.

### **Methodology (general background to use of material culture in research)**

Hodder, I (e.d.). 1982. *Symbolic and Structural Archaeology*. Cambridge: Cambridge University Press. Chapters 1-3 and 5. INST ARCH AH HOD





Hurcombe, L. 2007. *Archaeological Artefacts and Material Culture*. Routledge. INST ARCH AH HUR

Knappett, C. 2005. *Thinking through Material Culture: An Interdisciplinary Perspective*. Philadelphia: University of Pennsylvania Press. (Should be available in IOA library).

## **The End of the Early Bronze Age**

\*Cooper, L. 2010. The demise and regeneration of Bronze Age urban centers in the Euphrates Valley of Syria. In: G. Schwartz and J.J. Nichols (Eds.), *After Collapse: The Regeneration of Complex Societies*. Tucson: University of Arizona Press. Pp. 18-37. INST ARCH BD SCH

Jacobsen, T. and Adams, R.M. Salt and silt in ancient Mesopotamian agriculture. *Science* 128(3334):1251-1258.

Pustovoytov, Konstantin, and Simone Riehl. 2016. "The Early Bronze Age/Middle Bronze Age Transition and the Aquifer Geography in the Near East." *Journal of Archaeological Science* 69 (May): 1–11. doi:10.1016/j.jas.2016.02.005.

Weiss, H. (Ed.). 2017. *Megadrought and collapse: From early agriculture to Angkor*. Oxford University Press (look at Near East chapters for general background).

## **The Middle Bronze Age World: Trade, Migration, and War**

Arbuckle, Benjamin S., and Emily L. Hammer. 2019. "The Rise of Pastoralism in the Ancient Near East." *Journal of Archaeological Research* 27, no. 3: 391–449. <https://doi.org/10.1007/s10814-018-9124-8>.

Barjamovic, G. 2022. Before the Kingdom of the Hittites: Anatolia in the Middle Bronze Age. In K. Radner, N. Moeller, & D. T. Potts (Eds.), *The Oxford History of the Ancient Near East: Volume II* (1st ed., pp. 497–565). Oxford University Press New York. <https://doi.org/10.1093/oso/9780190687571.003.0017>.

Barjamovic, G. 2018. Interlocking commercial networks and the infrastructure of trade in Western Asia during the Bronze Age. In Kristiansen, K., Lindkvist, T., and Myrdal, J. (eds.), *Trade and civilisation: economic networks and cultural ties from prehistory to the Early Modern era*. Cambridge: Cambridge University Press, 113–142

Barjamovic, G. 2011. *A Historical Geography of Anatolia in the Old Assyrian Colony Period*. University of Copenhagen. ANCIENT HISTORY QUARTOS E 58 BA

Burke, Aaron A. 2008. "Walled up to Heaven": *The Evolution of Middle Bronze Age Fortification Strategies in the Levant*. Studies in the Archaeology and History of the Levant 4. Winona Lake, Ind: Eisenbrauns.



Greenberg, R. 2019. *The Archaeology of the Bronze Age Levant: From Urban Origins to the Demise of City-States, 3700–1000 BCE*. 1st ed. Cambridge: Cambridge University Press: 180-271 (Chapter 5).

\*Homsher, Robert S., and Melissa S. Cradic. 2017. “The Amorite Problem: Resolving an Historical Dilemma.” *Levant* 49 (3): 259–83. doi:10.1080/00758914.2017.1418038.

Huang, He. 2018. “The Route of Lapis Lazuli: Lapis Lazuli Trade From Afghanistan to Egypt During Mid-Late Bronze Age.” In *Proceedings of the 2018 4th Annual International Conference on Modern Education and Social Science (MESS 2018)*. Wuhan, China: Atlantis Press. doi:10.2991/mess-18.2018.73.

Larsen, M.T. 2000. The Old Assyrian city-state. In: M. H. Hansen (e.d.), *A Comparative Study of Thirty City-State Cultures*. The Royal Danish Academy of Sciences and Letters. Copenhagen. Pp. 77-87. INST ARCH BC 100 Qto HAN

Margueron, J.-C. 1995 ‘Mari: a portrait in art of a Mesopotamian city-state’, in J.M. Sasson (ed.) *Civilizations of the Ancient Near East*, New York: Scribner’s. Pp. 885-899. INST ARCH DBA 100 SAS

Moorey, P.R.S. 1986. The emergence of the light, horse-drawn chariot in the Near East c. 2000-1500 B.C. *World Archaeology* 18(2):196-215.

Mourad, Anna-Latifa. 2015. *Rise of the Hyksos: Egypt and the Levant from the Middle Kingdom to the Early Second Intermediate Period*. Archaeopress Egyptology 11. Oxford: Archaeopress Publishing Ltd. EGYPTOLOGY QUARTOS B 20 MOU.

Nichols, J.J. and Weber, J.A. 2010. Amorites, onagers, and social reorganization in Middle Bronze Age Syria. In: G. Schwartz and J.J. Nichols (Eds.), *After Collapse: The Regeneration of Complex Societies*. Tucson: University of Arizona Press. Pp. 38-57 INST ARCH BD SCH

Potts, D.T. 1993. Rethinking some aspects of trade in the Arabian Gulf. *World Archaeology* 24:423-440.

Sagona, A. and P. Zimansky 2009. *Ancient Turkey*, London: Routledge. Pages 225-252. INST ARCH DBC 100 SAG

Van De Mieroop, M. 2007 *A History of the Ancient Near East ca. 3000-323 BC*, Oxford: Blackwell. Pg. 80-112, 112-118, 121-140, 145-178. INST ARCH DBA 100 MIE

Yener, K. Aslıhan. 2007. “The Anatolian Middle Bronze Age Kingdoms and Alalakh: Mukish, Kanesh and Trade.” *Anatolian Studies* 57 (December): 151–60. doi:10.1017/S0066154600008577.

## Resolving Chronology

\*Howland, M.D., Tauxe, L., Gordin, S., Altaweel, M., Cych, B., Ben-Yosef, E., 2023. Exploring geomagnetic variations in ancient mesopotamia: Archaeomagnetic study of



inscribed bricks from the 3rd–1st millennia BCE. *Proc. Natl. Acad. Sci. U.S.A.* 120, e2313361120. <https://doi.org/10.1073/pnas.2313361120>

**Session 2:** 17 January 2024

Session Lecturer: MA

## **The Middle Bronze in Mesopotamia The Middle Bronze in Iran, the Gulf, and Arabia**

*Summary:* This week we look at Mesopotamia during the first half of the second millennium BC, focusing on the Isin-Larsa and Old Babylonian periods. This was a time when major urban centres in the far south of Mesopotamia began to decline, while northern settlement in the southern alluvium gained increased ascendancy. We contrast this to northern Mesopotamia, where the kingdoms of Mari and Assyria were among the early powers that arose in the region. How does southern Mesopotamian material culture contrast with that in northern Mesopotamia?

We also look at the cultures of Elamite Iran in the early second millennium and how it competed and contrasted with Mesopotamia. The Persian Gulf and Arabia, during this period, also underwent transformations where the Early Bronze cultures may have transformed or were affected by increased migrations. How do you think cultures in the Gulf and Arabia differed from those in the Early Bronze Age?

### **Northern Mesopotamia**

Altaweel, M. 2014. Settlement dynamics and hierarchy from agent decision-making: A method derived from entropy maximization. *Journal of Archaeological Method and Theory*. DOI:10.1007/s10816-013-9185-4. (just read the parts about the structure of settlements in the Middle Bronze Age).

Bartelmus, Alexa, and Katja Sternitzke, eds. 2017. *Karduniaš: Babylonia under the Kassites: The Proceedings of the Symposium Held in Munich, 30 June to 2 July 2011 = Tagungsbericht Des Münchner Symposiums 30. Juni Bis 2. Juli 2011*. Untersuchungen Zur Assyriologie Und Vorderasiatischen Archäologie, Band 11. Boston ; Berlin: Walter de Gruyter. (online).

Casana, Jesse, and Claudia Glatz. 2017. "THE LAND BEHIND THE LAND BEHIND BAGHDAD: ARCHAEOLOGICAL LANDSCAPES OF THE UPPER DIYALA (SIRWAN) RIVER VALLEY." *Iraq* 79 (December): 47–69. <https://doi.org/10.1017/irq.2017.3>.

Dalley, S. 2002. *Mari and Karana: Two Old Babylonian Cities*. Gorgias Press. ANCIENT HISTORY H 52 DAL

Kempinski-Lecomte, C. 1992. *Haradum I. Une ville nouvelle sur le Moyen-Euphrate (XVIIe-XVIIIe siècles av J.-C.)*. Paris

Kühne, H. 1976. *Die Keramik von Tell Chuera und ihre Beziehungen zu Funden aus Syrien-Palästina, der Türkei und dem Iraq*. Berlin. INST ARCH DBD 10 KUH

McMahon, A., Tunca, O., Bagdo, A-M. 2001. New excavations at Chagar Bazar, 1999-2000.



*Iraq* 43:201-22.

Mallowan, M.E.L. 1947. Excavations at Brak and Chagar Bazar. *Iraq* 9:1-259.

Mallowan, M.E.L. 1937. The Excavations at Tall Chagar Bazar and an Archaeological Survey of the Habur Region. Second Campaign, 1936. *Iraq* 4:91-177.

Oates, D., Oates, J., McDonald, H. 1997. *Excavations at Tell Brak 1: The Mitanni and Old Babylonian Period*. Cambridge: McDonald Institute Monographs. INST ARCH DBD 10 Qto OAT

Oguchi, H. 2006. Notes on Khabur Ware from the Haditha Dam Area. In: Kepinski, C., Lecomte, O. and Tenu, A. (eds.), *Studies Euphratica. Le moyen Euphrate iraquien révèle par les fouilles préventives de Haditha*, 203-215. Paris: De Boccard.

Perruchini, E., C. Glatz, M.M. Hald, J. Casana, and J.L. Toney. 2018. "Revealing Invisible Brews: A New Approach to the Chemical Identification of Ancient Beer." *Journal of Archaeological Science* 100 (December): 176–90. <https://doi.org/10.1016/j.jas.2018.05.010>.

Postgate, C. Oates, D., Oates, J. 1997. *The Excavations at Tell al Rimah: The Pottery*. British School of Archaeology in Iraq and the Directorate of Antiquities. London. INST ARCH DBB 10 Qto POS

## **Southern Mesopotamia**

\*Campbell, Stuart, Jane Moon, Robert Killick, Daniel Calderbank, Eleanor Robson, Mary Shepperson, and Fay Slater. 2017. "TELL KHAIBER: AN ADMINISTRATIVE CENTRE OF THE SEALAND PERIOD." *Iraq* 79 (December): 21–46. <https://doi.org/10.1017/irq.2017.1>.

Clark, S., Altaweel, M., & Gordin, S. 2022. Urbanscape, Land Use Change and Centralization in the Region of Uruk, Southern Mesopotamia from the 2nd to 1st Millennium BCE. *Land*, 11(11), <https://doi.org/10.3390/land11111955>

Delougaz, P. 1952. *Pottery from the Diyala Region*. Oriental Institute Publications 63. The University of Chicago Press: Chicago. INST ARCH DBB 10 Qto DEL

Frankfort, H. 1955. *Stratified Cylinder Seals from the Diyala Region*. Oriental Institute Publications 72. Chicago: University of Chicago. 492 QUARTOS D 52 FRA

Gasche, H., Armstrong, J.A., Cole, S.W., and Gurzadyan, V.G. 1998. *Dating the Fall of Babylon: A Reappraisal of Second-Millennium Chronology (A Joint Ghent-Chicago-Harvard Project)*. Mesopotamian History and Environment 2. Memoirs 4. Ghent. ANCIENT HISTORY QUARTOS D 10 GAS

Hussein, AM; Hamza, HA; Thaher, AK; Kadhum, SJ; Hashem, M; Taha, HM; Altaweel, MR; Studevent-Hickman, B; 2010. Tell Abu Sheeja/Ancient Pasime Report on the First Season of Excavations, 2007. *Akkadica* 131(1):47–103.



McCown, D.E. and Haines, R. 1967. *Nippur 1: Temple of Enlil, Scribal Quarter, and Soundings: Excavations of the Joint Expedition to Nippur of the University Museum of Philadelphia and the Oriental Institute of the University of Chicago*. Oriental Institute Publication 78. Chicago: University of Chicago Press. INST ARCH DBB 10 Qto MCC

McCown, D.E., Haines, R., and Biggs, R. 1978. *Nippur II: The North Temple and Sounding E: Excavations of the Joint Expedition to Nippur of the American School of Oriental Research and the Oriental Institute of the University of Chicago*. Oriental Institute Publication 97. Chicago: The University of Chicago Press. INST ARCH DBB 10 Qto MCC

Palmisano, Alessio, and Mark Altaweel. 2015. "Landscapes of Interaction and Conflict in the Middle Bronze Age: From the Open Plain of the Khabur Triangle to the Mountainous Inland of Central Anatolia." *Journal of Archaeological Science: Reports* 3: 216–36.

Stone, E., Otto, A., Charpin, D., Einwag, B., & Zimansky, P. 2021. Two Great Households of Old Babylonian Ur. *Near Eastern Archaeology*, 84(3), 182–191.  
<https://doi.org/10.1086/715346>

Stone, E. and Zimansky, P. 2004. *The Anatomy of a Mesopotamian City: Survey and Soundings at Mashkan-shapir*. Winona Lake: Eisenbraun.

Werr, L.A.G., Mansour, S., Yaseen, G.T. 1992. *Old Bablonian Cylinder Seals from the Hamrin*. London: Nabu. INST ARCH KG Qto GAI

\*Wilson, K. 2012. *Bismaya: Recovering the Lost City of Adab*. Oriental Institute Publications 138. <http://oi.uchicago.edu/research/publications/oip/oip-138-bismaya-recovering-lost-city-adab>.

Woolley, L and Mallowan, M.E.L. 1927. *Ur Excavations VII: The Old Babylonian Period*. Oxford: Oxford University Press. ISSUE DESK IOA WOO 5

Yaseen, G.T. 1995. *Old Babylonian Pottery from the Hamrin, Tell Halawa*. London: Nabu. STORE 12-0523

## **Iran**

\*Alizadeh, A. 2014. *Ancient Settlement Systems and Cultures in the Ram Hormuz Plain, Southwestern Iran: Excavations at Tall-e Geser and Regional Survey of the Ram Hormuz Area*. Oriental Institute Publications 140. <http://oi.uchicago.edu/research/publications/oip/oip-140-ancient-settlement-systems-and-cultures-ram-hormuz-plain>. (Look at Middle Bronze 2000-1600 BC sections).

Alizadeh, A., Ahmadzadeh, L., Omidfar, M. 2015. Reflections on the long-term socioeconomic and political development in the Ram Hormoz Plain, a highland-lowland buffer zone. *Archaeologische Mitteilungen aus Iran und Turan* 45: 113-148 (relevant periods 2000-1600 BC).



Carter, E. 1979. Elamite pottery, ca. 2000-1000 B.C. *Journal of Near Eastern Studies* 38(2):111-128.

Carter, E. and Stolper, M.W. 1983. *Elam: Surveys of Political History and Archaeology*. London: University of California Press. Pp. 144-155. INST ARCH DBG 100 CAR

Edwards, M. 1986. "Urmia Ware" and its distribution in North-western Iran in the Second Millennium B.C.: A review of the results of excavations and surveys. *Iran* 24:57-77.

Ghirshman, R. 1968. Suse au tournant du III au II millenaire avant notre ere. *Arts Asiatiques* 17:3-44.

Goff, C. 1976. Excavations at Baba Jan: The Bronze Age Occupation. *Iran* 14:19-40.

Hamlin, C. 1974. The early second millennium ceramic assemblage of Dinkha Tepe. *Iran* 12:125-153.

Henrickson, R.C. 1984. *Godin Tepe, Godin III, and Central Western Iran: C. 2600-1500 BC*. University of Toronto PhD dissertation.

Henrickson, R.C. 1986. A Regional perspective on Godin III cultural development in Central Western Iran. *Iran* 24:1-55.

Miller, N.F. and Sumner, W.M. 2004. The Banesh-Kaftari interface: The view from Operation H5, Malyan. *Iran* 42:77-89.

Petrie, C.A., Chaverdi, A.A., and Seyedin, M. 2005. From Anshan to Dilmun and Magan: the spatial and temporal distribution of Kaftari and Kaftari-related ceramic vessels. *Iran* 43:9-86.

Petrie, C.A., Chaverdi, A.A., and Seyedin, M. 2006. Excavations at Tol-e Spid. In D. T. Potts and K. Roustaei (eds.), *The Mamasani Archaeological Project Stage One: A report on the first two seasons of the ICAR – University of Sydney Joint Expedition to the Mamasani District, Fars Province, Iran*. Tehran: Iranian Center for Archaeological Research. Pp. 89-134. INST ARCH DBG Qto POT

Sumner, W.M. 2003. *Early Urban Life in the Land of Anshan: Excavations at Tal-e Malyan in the Highlands of Iran*. Philadelphia: University of Pennsylvania. INST ARCH DBG 10 SUM. Look at early 2<sup>nd</sup> millennium BC sections.

## **The Gulf and Arabia**

Barker, D. 2003. Wadi Suq and Iron Age period ceramics from Sharm, Fujairah (U.A.E.). *Arabian Archaeology and Epigraphy* 13(1):1-94.

Carter, R. 1997. The Wadi Suq period in south-east Arabia: A reappraisal in the light of excavations at Kalba, UAE. *Proceedings of the Seminar for Arabian Studies* 27:87-98.

Carter, R.A. 2001. Saar and its external relations: New evidence for interaction between Bahrain and Gujarat during the early second millennium BC. *Arabian Archaeology and*



*Epigraphy* 12(2):183-201.

Carter, R.A. 2003. Restructuring Bronze Age trade: Bahrain, Southeast Arabia and the copper question. In: H. Crawford (ed.), *The Archaeology of Bahrain: The British Contribution*. BAR International Series 1189. Oxford. Pp. 31-42. INST ARCH DBF Qto CRA.

Chase-Dunn, Christopher. 2018. "Continuities and Transformations in the Evolution of World-Systems." In *Comparing Globalizations*, edited by Thomas D. Hall, 13–35. Cham: Springer International Publishing. [https://doi.org/10.1007/978-3-319-68219-8\\_2](https://doi.org/10.1007/978-3-319-68219-8_2).

Cleuziou, S. 1981. Oman peninsula in the early 2<sup>nd</sup> millennium B.C. In: H. Hartel (e.d.), *South Asian Archaeology 1979*. Berlin: Dietrich Reimer. INST ARCH DBM HAR

Crawford, H. 1992. London-Bahrain Archaeological Expedition: excavations at Saar 1991. *Arabian Archaeology and Epigraphy* 4(1):1-19.

\*Döpfer, S. The Middle and Late Bronze Age in Central Oman: New Insights from Tawi Said, Al-Mudhairib and the Wilayat Al-Mudhaybi. *Arab Arch Epig* 2021, 32, 313–327, doi:10.1111/aae.12181.

Edens, C. 1986. Bahrain and the Arabian Gulf during the 2<sup>nd</sup> millennium BC: urban crisis and colonialism. In: S.H. Al-Khalifa and M. Rice (Eds.), *Bahrain through the Ages: The Archaeology*. London: KPI Ltd. ANCIENT HISTORY QUARTOS K 52 ALK

Eidem, J. and Højlund, F. 1993. Trade of diplomacy? Assyria and Dilmun in the eighteenth century BC. *World Archaeology* 24(3):441-448.

Heinz M. 1994. Die Keramik aus Saar/Bahrain: Ergebnisse der Kampagnen 1990/1991 und 1991/1992. *BaM* 25:195-229.

Højlund, F. 1983. *Failaka/Dilmun, The Second Millennium Settlements, Volume 1: The Stamp and Cylinder Seals*. JASP 17/1. STORE 12-0601

Højlund, F. 1986. *Failaka/Dilmun, The Second Millennium Settlements, Volume 2: The Bronze Age Pottery*. JASP 17/2. STORE 12-0601



Giulia-Mair, A., Keall, E., Stock, S., Shugar, A. 2000. A regional perspective on Godin III cultural development in Central Western Iran. *Journal of Cultural Heritage* 1(1):37-43.

Laursen, Steffen Terp. 2018. "Seals and Sealing Technology in the Dilmun Culture: The Post-Harappan Life of the Indus Valley Sealing Tradition." In *Seals and Sealing in the Ancient World*, edited by Marta Ameri, Sarah Kielt Costello, Gregg Jamison, and Sarah Jarmer Scott, 1st ed., 204–26. Cambridge University Press.  
<https://doi.org/10.1017/9781108160186.015>.

Miki, T., Kuronuma, T., Kitagawa, H., & Kondo, Y. 2022. Cave occupations in Southeastern Arabia in the second millennium BCE: Excavation at Mugharat al-Kahf, North-Central Oman. *Arabian Archaeology and Epigraphy*, 33(1), 85–107.  
<https://doi.org/10.1111/aae.12210>

Vogt, B. 1998. State, problems and perspectives of second millennium bc. Funerary studies in the Emirate of Ras al-Khaimah (U.A.E.). In: C. Phillips, D.T. Potts, S. Searight (Eds.), *Arabia and Its Neighbours: Essays on Prehistorical and Historical Developments: Essays Presented in Honour of Beatrice de Cardi*. Pp. 273-290. INST ARCH DBF Qto PHI

**Session 3:** 24 January 2024  
Session Lecturer: GA

## **The Middle Bronze in the Levant and Anatolia**

In the early 2<sup>nd</sup> millennium, Amorite dynasties emerged in northern Mesopotamia (e.g., Shamshi-Adad of Shubat-Enlil/Leilan, Zimri-Lim of Mari). The Mari Letters reveal far-flung overland trade networks; overland trade caravans between Assur and central Anatolia are revealed at Kültepe/Kanesh. In the Levant, Qatna and Ebla were powerful kingdoms. Levantine coastal ports were linked to the interior and the Mediterranean. Links between Middle Kingdom Egypt & Syria-Palestine were followed by takeover of the Nile Delta by the Hyksos. Material culture: Jericho, Ajjul, Alalakh, Beycesultan

**Note: \*\* = essential; \* = recommended; + = site report (scan one before class if you can). Before class, read all essentials; read as many recommended as you can.**

### **Historical Documents**

Pritchard, J. 1967. *Ancient Near Eastern Texts*. The Mari Letters; Execration Texts; Expulsion of the Hyksos. REFERENCE DBA 600 QTO

### **Southern Levant** (read 2)

Andreou, P. 2012, Thanatography and the contextualization of ritual activities. preliminary observations on mortuary ritual practice at Middle Bronze Age Jericho. In: *Reconstructing Funerary Rituals in the Ancient Near East*. (Pfälzner, P., et al., eds.), Harrassowitz, Wiesbaden: p. 137-148.

Bietak, M. 2009. From where came the Hyksos and where did they go? In M. Marée (ed.), *The Second Intermediate Period (13th-17th Dynasties)*: Leuven: Peeters.

\*Bietak, M. & Forstner-Müller, I. 2009. The Hyksos palace at Tell ed-Dab'a. *Ägypten & Levante*, 19: 1-28.





- Cohen, S. L. 2009. Cores, peripheries and ports of power. In J. D. Schloen (Ed.), *Exploring the longue durée*: 69-76. Winona Lake: Eisenbrauns. DBE 100 SCH
- Eshel, T., Gilboa, A., Tirosh, O., Erel, Y., & Yahalom-Mack, N. 2023. The earliest silver currency hoards in the Southern Levant: Metal trade in the transition from the Middle to the Late Bronze Age. *Journal of Archaeological Science*, 149, 105705.  
<https://doi.org/10.1016/j.jas.2022.105705>
- Goren, Y. & Cohen-Weinberger, A. 2004. Levantine - Egyptian interactions: preliminary results of the petrographic study of the Canaanite pottery from Tell el-Dab'a. *Ägypten und Levante (Egypt and the Levant)*, 14: 69-100.
- Greenberg, R. 2019. *The Archaeology of the Bronze Age Levant: From Urban Origins to the Demise of City-States, 3700–1000 BCE*. 1st ed. Cambridge: Cambridge University Press: 272-353 (Chapter 6).
- Hallote, R. S. 2002. Real and ideal identities in MBA tombs. *Near Eastern Archaeology*, 65(2): 105-111.
- Kopetzky, K. 2015, Burial practices and mortuary rituals at Tell el-Dab'a, Egypt. In: *Contextualising Grave Inventories in the Ancient Near East*: (Pfälzner, P., et al., eds.). Harrassowitz, Wiesbaden: p. 123-140.
- Niemeier, B. & W.-D.Niemeier 2000. Aegean frescoes in Syria-Palestine: Alalakh & Tel Kabri. In S.Sherratt (ed) *The Wall Paintings of Thera*. Athens: Thera Foundation, pp.763-802. ISSUE DESK SHE 11,12,13
- Stager, L. E. 2001. Port power in the Early and Middle Bronze Age: the organization of maritime trade and hinterland production. In S. R. Wolff (Ed.), *Studies in the archaeology of Israel and neighboring lands in memory of Douglas L Esse*: 625-638. Chicago: University of Chicago Press. DBA 100 Qto WOL
- Yasur-Landau, A. 2011, Our cups overfloweth: "Kabri Goblets" and Canaanite feasts in the Middle Bronze Age Levant. In: *Our Cups are Full: Pottery and Society in the Aegean Bronze Age*, Archaeopress, Oxford: p. 382-392.

## **Northern Levant** (read 2)

- Archi, A. 2012, Cult of the ancestors and funerary practices at Ebla. In: *Reconstructing Funerary Rituals in the Ancient Near East*. (Pfälzner, P., et al., eds.). Harrassowitz, Wiesbaden: p. 5-32.
- Iamoni, M. 2015, The eastern palace of Qatna and the Middle Bronze Age architectural tradition of western Syria. In: *Qatna and the Networks of Bronze Age Globalism*, (Pfälzner, P. & al-Maqdissi, M., eds. ), Harrassowitz, Wiesbaden: p. 451-466.
- \*Marchetti, N., Nigro, L., 1997. Cultic activities in the sacred area of Ishtar at Ebla during the Old Syrian Period. *Journal of Cuneiform Studies* 49, 1-44.
- Pfälzner, P. 2015, Royal funerary practices and inter-regional contacts in the Middle Bronze Age Levant: new evidence from Qatna. In: *Contextualising Grave Inventories in the Ancient Near East* (Pfälzner, P., et al., eds.), Harrassowitz, Wiesbaden: p. 141-156.
- Qatna (Mishrife) Project Website. <http://www.qatna.org/en-index.html>. See: *Mishrife in the Middle Bronze Age; Operation J; The Pottery Manufacturing Area on the Summit of the Acropolis*
- Sader, H. 2015, Intertwined history: Lebanon's role in the transmission of Egyptian culture to inland Syria in the Middle Bronze Age. In: *Qatna and the Networks of Bronze Age Globalism* (Pfälzner, P. & al-Maqdissi, M., eds.), Harrassowitz, Wiesbaden: p. 117-126.



Ziegler, N. 2015, Qatna at the time of Samsi-Addu. In: *Qatna and the Networks of Bronze Age Globalism*, (Pfälzner, P. & al-Maqdissi, M., eds. ) Harrassowitz, Wiesbaden: p. 139-148.

## **Anatolia** (read 2)

Barjamovic, G. 2022. Before the Kingdom of the Hittites: Anatolia in the Middle Bronze Age. In K. Radner, N. Moeller, & D. T. Potts (Eds.), *The Oxford History of the Ancient Near East: Volume II* (1st ed., pp. 497–565). Oxford University Press New York. <https://doi.org/10.1093/oso/9780190687571.003.0017>.

Gorny, R. L. 2006, The 2002-2005 excavation seasons at Çadır Höyük: the 2nd millennium settlements. *Anatolica*, 32: 29-54.

Matthews, R. & British Institute of Archaeology at Ankara 1998, *Ancient Anatolia fifty years' work by the British Institute of Archaeology at Ankara*. British Institute of Archaeology at Ankara, London. (Chapter on Beycesultan)

Patrier, J. 2015, Food offerings in the tombs of central Anatolia in the second millennium BC. In: *Contextualising Grave Inventories in the Ancient Near East* (Pfälzner, P., Niehr, H., Pernicka, E., Lange, S., & Köster, T., eds. ), Qatna Studien Supplementa Band 3, Harrassowitz,

Teissier, B. 1994, *Sealing and Seals on Texts from Kultepe Karum Level 2*. Nederlands Historisch-Archaeologisch Instituut Te Istanbul, Leiden.

\*Stein, G. 2005. The political economy of Mesopotamian colonial encounters. In: G. Stein (ed) *The Archaeology of Colonial Encounters*. Santa Fe: SAR, 143-172. AH STE

Veenhof, K. R. 2003. Archives of Old Assyrian traders. In M. Brosius (ed) *Ancient Archives & Archival Traditions*: Oxford: Oxford University Press. MAIN Ancient History A 72 BRO

Yener, K. A. 2015, New tin mines and production sites near Kultepe in Turkey: a third-millennium BC highland production model. *Antiquity*, 89(345): 596-612.

## **For further reading**

### **Reference works: Syntheses, Sites, Material Culture**

Akkermans, P. & Schwartz, G. 2002. *The Archaeology of Syria*. Cambridge.

Amiran, R. 1967. *Ancient Pottery of the Holy Land*. Jerusalem: Israel Exploration Society.

Levy, T. (ed) 1995. *The Archaeology of Society in the Holy Land*. Leicester.

MacDonald, B. et al (eds). 2001. *The Archaeology of Jordan*. Sheffield: Sheffield Academic Press.

Meyers, E. (ed) 1992. *Oxford Encyclopedia of Archaeology in the Near East*. New York.

Sagona, A.G., Zimansky, P.E., 2009. *Ancient Turkey*. Routledge, London.

Sasson, J. (ed) 1995. *Civilizations of the Ancient Near East*. New York.

Sparks, R. 2007. *Stone Vessels in the Levant*. Leeds: Maney.

Stern, E. 1993. *New Encyclopedia of Archaeological Excavations in the Holy Land*. Jerusalem.

### **South Levant**

Bietak, M. 2002. Relative and absolute chronology of the Middle Bronze Age. In *The Middle Bronze Age in the Levant* (Ed. M Bietak), 29-42. Vienna.



- Burke, A. 2008. *Walled up to Heaven*. Eisenbrauns, Winona Lake, Indiana.
- Cohen, S. L. 2002. *Canaanites, Chronologies & Connections*. Winona Lake: Eisenbrauns.
- Hallote, R. 2001. Tombs, cult and chronology. In S.R. Woolf (ed) *Studies in the Archaeology of Israel and Neighbouring Lands in Memory of Douglas L. Esse*. Chicago, 199-214.
- Kenyon, K. M. & Holland, T. A. 1960. *Excavations at Jericho, Volumes I-II*: London: BSAJ
- Oren, E. (ed) 1997. *The Hyksos*. Philadelphia.
- Petrie, W. M. F. 1931. *Ancient Gaza I-V*. London: BSAE. Volume V.

## **North Levant**

- Doumet-Serhal, C. 2004. Sidon (Lebanon): twenty Middle Bronze Age burials. *Levant* 36: 89-154.
- Frost, H. 2004. Byblos and the sea. In C. Doumet-Serhal (ed) *Decade*, 316-347. Beirut.
- Matthiae, P. 1979. *Ebla in the Period of the Amorite Dynasties and the Dynasty of Akkad*. Malibu: Monographs on the Ancient Near East 1/6.
- Matthiae, P. 1980, *Ebla: an Empire Rediscovered*. Hodder and Stoughton, London.
- Matthiae, P. 1990. A new monumental temple of MB II at Ebla and the unity of architectural tradition in Syria-Palestine. *Annales archéologiques arabes syriennes* 40: 111-121.
- Matthiae, P., et al. 1995, *Ebla alle origini della civiltà urbana* Electa, Milano.
- Pfälzner, P. 2012, The question of deurbanisation versus reurbanisation of the Syrian Jazirah in the late third and early second millennium BC. In: *Looking North* (Laneri, N., Pfälzner, P., & Valentini, S., eds.) Harrassowitz, Wiesbaden: 51-80.
- Ristvet, L. 2008. Legal and archaeological territories of the second millennium BC in northern Mesopotamia. *Antiquity*, 82(317): 585-599.
- Ristvet, L. 2012. Resettling Apum: tribalism and tribal states in the Tell Leilan Region, Syria. In: *Looking North*, (Laneri, N., Pfälzner, P., & Valentini, S., eds.), Harrassowitz, Wiesbaden: p. 37-50.
- Woolley, L. 1955. *Alalakh*. London: Society of Antiquaries. DBC 10 WOO SITE REPORT. (Level VII)
- Yener, K.A. (ed) 2010. *Tell Atchana, ancient Alalakh. Volume 1*. Istanbul: Koç Üniversitesi

## **Anatolia**

- Dercksen, J. G. 1996, *The old Assyrian copper trade in Anatolia*. Nederlands Historisch-Archaeologisch Instituut te Istanbul, Istanbul.
- Hopkins, D. C. 2002, *Across the Anatolian Plateau: Readings in the Archaeology of Ancient Turkey*. ASOR Annual 57 (2000), American Schools of Oriental Research, Boston.
- Larsen, M. 1987. Commercial networks in the ancient Near East. In *Centre & Periphery in the Ancient World* (eds M. Rowlands, et al.) Cambridge, 47-56. AB ROW
- Lloyd, S. and Mellaart, J. 1965. *Beycesultan 2: Middle Bronze Age architecture and pottery*. London: British Institute of Archaeology at Ankara. DBC 10 Qto LLO - SITE REPORT .
- Özgüç, T. 1986. *Kültepe-Kaniş II: New researches at the trading center of the ancient Near East*. Ankara: Türk Tarih Kurumu Basımevi. DBC 10 Qto OZG - SITE REPORT
- Özgüç, T. 1999. The Palaces and Temples of Kültepe-Kanish/Nesha. Ankara: Türk Tarih Kurumu. DBC 10 Qto OZG - SITE REPORT
- Yasur-Landau, A., Cline, E. H., Manning, S. W., & Artioli, G. 2021. An Anatolian-Style Lead Figurine from the Assyrian Colony Period Found in the Middle Bronze Age Palace of Tel Kabri. *Bulletin of the American Schools of Oriental Research*, 385, 87–97. <https://doi.org/10.1086/711885>



**Session 4:** 31 January 2024

Session Lecturer: MA

## **From the Middle Bronze to the Late Bronze: Broad Themes and Topics The Diplomatic Age**

*Summary:* The Late Bronze Age was a time of major cultural, economic, and diplomatic changes in the Near East. The cuneiform tablets from Amarna are a testament to the contacts kingdoms and states had, while the Uluburun shipwreck and others demonstrate trade connections that tied the Near East, Africa, and the Eastern Mediterranean worlds. While trade and diplomatic relations characterised much of this period, near the end of the Late Bronze the Near East witnessed profound changes in migration and collapse of major centres and kingdoms. This week we discuss some of these major events in the context of material cultural found during this period. What cultural aspects do you see that indicate significant cultural contacts between states and kingdoms during the Late Bronze Age? How do you think material culture may reflect the profound collapse of societies witnessed at the end of the Late Bronze?

### **Late Bronze Collapse**

Drews, R. 1993. *Changes in Warfare and the Catastrophe CA. 1200 BC*. Princeton: Princeton University Press. INST ARCH DRE 6

\*Cline, E. H. 2022. Revisiting 1177 BCE and the Late Bronze Age Collapse. *Journal of Eastern Mediterranean Archaeology and Heritage Studies*, 10(2), 181–186.  
<https://doi.org/10.5325/jeasmedarcherstu.10.2.0181>

Cline, E (ed.). 2010. *The Oxford Handbook of the Bronze Age Aegean*. Pp. 171-184. ISSUE DESK IOA CLI 2.

Finkelstein, Israel, Dafna Langgut, Meirav Meiri, and Lidar Sapir-Hen. 2017. “Egyptian Imperial Economy in Canaan: Reaction to the Climate Crisis at the End of the Late Bronze Age.” *Ägypten und Levante* 27: 249–60. <https://doi.org/10.1553/AEundL27s249>.

Giloba, A. 2005. Sea peoples and Phoenicians along the southern Phoenician coast: A reconciliation: An interpretation of Šikila (SKL) material culture. *Bulletin of the American Schools of Oriental Research* 337:47-78.

Kaniewski, D. et al. 2010. Late second–early first millennium BC abrupt climate changes in coastal Syria and their possible significance for the history of the Eastern Mediterranean. *Quaternary Research* 74(2):207-215.

Knapp, A. B., and Manning, S.W. 2016. Crisis in context: The end of the Late Bronze Age in the Eastern Mediterranean. *American Journal of Archaeology* 120 (1): 99–149.

Manning, S., Kocik, C., Lorentzen, B., and Sparks, J.P. 2023. Severe Multi-Year Drought Coincident with Hittite Collapse around 1198-1196 BC. *Nature (London)* 614, no. 7949 (2023): 719–724.



## **The Diplomatic Age**

Bryce, Trevor. 2004. *Letters of the Great Kings of the Ancient Near East: The Royal Correspondence of the Late Bronze Age*. 1st ed. Routledge. INST ARCH DBA 200 CHA. <https://doi.org/10.4324/9780203504987>.

Cohen, R. and Westbrook, R (eds.). 2000. *Amarna Diplomacy: The Beginnings of International Relations*. Baltimore: The Johns Hopkins University Press. EGYPTOLOGY B 12 COH

Frank, A.G. et al. 1993. Bronze Age World System cycles [and comments and reply]. *Current Anthropology* 34(4):383-429.

Kristiansen, Kristian, and Paulina Suchowska-Ducke. 2015. "Connected Histories: The Dynamics of Bronze Age Interaction and Trade 1500–1100 BC." *Proceedings of the Prehistoric Society* 81 (December): 361–92. <https://doi.org/10.1017/ppr.2015.17>.

Pfloh, Emanuel. 2016. *Syria-Palestine in The Late Bronze Age: An Anthropology of Politics and Power*. 1st ed. Routledge. <https://doi.org/10.4324/9781315678818>.

Potts, D.T. 2006. Elamites and Kassites in the Persian Gulf. *Journal of Near East Studies* 65(2):111-119.

Van De Mierop, M. 2007. *A History of the Ancient Near East ca. 3000-323 BC*. Oxford: Blackwell. Pg. 121-137. ANCIENT HISTORY B 5 MIE

Westbrook, R. 2000. Babylonian diplomacy in the Amarna letters. *Journal of the American Oriental Society* 120(3):377-382.

## **International Trade**

Artz, M. 1994. Incense, camels and collared rim jars: Desert trade routes and maritime outlets in the second millennium. *Oxford Journal of Archaeology* 13(2):121-147.

Aruz, J., Benzel, K., Evans, J.M. 2008. *Beyond Babylon: Art, Trade, and Diplomacy in the Second Millennium BC*. New York: Metropolitan Museum of Art New York. INST ARCH DBA 300 Qto ARU. Read late 2<sup>nd</sup> millennium BC sections.

Bass, G.F. 1986. A Bronze Age shipwreck at Ulu Burun (Kaş): 1984 Campaign. *American Journal of Archaeology* 90(3):269-296.

Cinardali-Karaaslan, N. 2012. The East Mediterranean Late Bronze Age Glass Trade within the Context of the Panaztepe Finds. *Oxford Journal of Archaeology* 31(2):121-141.

Cline, E. 1994. *Sailing the Wine-Dark Sea: International Trade and the Late Bronze Age Aegean*. George Washington University. INST ARCH DAG 100 Qto CLI



Davies, W. V. and Schofield, L (Eds.). 1995. *Egypt, the Aegean and the Levant: Interconnections in the Second Millennium BC*. London: British Museum. ISSUE DESK IOA DAV 5.

\*Feldman, Marian H. 2018. "The Ancient Near East and the Bronze Age Aegean." In *A Companion to Ancient Near Eastern Art*, edited by Ann C. Gunter, 565–83. Hoboken, NJ, USA: John Wiley & Sons, Inc.  
<https://doi.org/10.1002/9781118336779.ch23>  
<https://doi.org/10.1002/9781118336779.ch23>.

Knapp, A.B. 2018. *Seafaring and seafarers in the Bronze Age Eastern Mediterranean*. Leiden: Sidestone Press. eBook available

Vidal, J. 2006. Ugarit and the southern Levantine sea-ports. *Journal of the Economic and Social History of the Orient* 49(3):269-279.

Wachsmann, S. 2009. *Seagoing Ships and Seamanship in the Bronze Age Levant*. 2<sup>nd</sup> edition. College Stations: Texas A&M University Press. INST ARCH HG Qto WAC

Yahalom-Mack, N., Finn, D. M., Erel, Y., Tirosh, O., Galili, E., & Yasur-Landau, A. 2022. Incised Late Bronze Age lead ingots from the southern anchorage of Caesarea. *Journal of Archaeological Science: Reports*, 41, 103321. <https://doi.org/10.1016/j.jasrep.2021.103321>

## **Migration**

Buffa, V. and Vogt, B. 2001. Sabir: Cultural identity between Saba and Africa. In: R. Eichmann and H. Parzinger (Eds.), *Migration und Kulturtransfer. Akten des Internationalen Kolloquiums 2/1*, Berlin, 1999. Bonn: Habelt. Pp. 437-450. INST ARCH DB Qto EIC

Daviau, M., Wevers, J.W., Weigl, M (Eds.). 2001. *The World of the Aramaeans: Studies in Honour of Paul-Eugene Dion*. Sheffield: Sheffield Academic Press. ANCIENT HISTORY HK 5 DAV

Knapp, A. B. 2021. *Migration Myths and the End of the Bronze Age in the Eastern Mediterranean* (1st ed.). Cambridge University Press.  
<https://doi.org/10.1017/9781108990363>

Liverani, M. 2021. *Historiography, Ideology and Politics in the Ancient Near East and Israel: Changing Perspectives 5* (N. P. Lemche & E. Pfoh, Eds.; 1st ed.). Refugees in Syria in the Late Bronze Age. Routledge. <https://doi.org/10.4324/9781003157717>.

\*Meiri, M., Stockhammer, P.W., Marom, N. *et al.* 2017. Eastern Mediterranean Mobility in the Bronze and Early Iron Ages: Inferences from Ancient DNA of Pigs and Cattle. *Scientific Reports* 7, 701. <https://doi.org/10.1038/s41598-017-00701-y>

Yasur-Landau, A. 2010. *The Philistines and Aegean Migration at the End of the Late Bronze Age*. Cambridge: Cambridge University Press.

Younger, K.L. 2007. The Late Bronze Age/Iron Age transition and the origins of the



Arameans. In K.L. Younger (ed.), *Ugarit at Seventy-Five*. Eisenbrauns. Pp. 131-174. INST ARCH DBD 10 YOU

**Session 5:** 7 February 2024

Session Lecturer: MA

## **The Late Bronze in Mesopotamia The Late Bronze in Iran, the Gulf, and Arabia**

*Summary:* After discussing the broader themes previously, this week we look at Mesopotamia, Iran, and the Persian Gulf during the Late Bronze. We look remains associated with the Kassite, Mitanni, Elamite, and Assyrian states. Cultural contacts with Arabia and the Gulf are also discussed. What material cultural characteristics distinguish some of the states mentioned during this period? How does material culture in this period differ from that in the Middle Bronze? Is there any significant continuity in the material culture?

### **Northern Mesopotamia**

Akkermans, P.M.M.G. 1993. On the frontiers of Assyria: Excavations at Tell Sabi Abyad, 1991. *Akkadica* 84/85:1-52.

Akkermans, P.M.M.G. 1997. Seals and Seal Impressions from Middle Assyrian Tell Sabi Abyad, Syria. *Subartu* 4:243-258.

Akkermans, P.M.M.G. 2006. *The Fortress of Ili-pada. Middle Assyrian Architecture at Tell Sabi Abyad, Syria*. Subartu 14. Turnhout. Pp. 201-209.

Anastasio, S. 1998. La ceramica medioassira di Tell Barri/Kahat. In: P.E. Pecorella (ed.): *Tell Barri/Kahat 2: Relazione sulle campagne 1980-1993 a Tell Barri/Kahat, nel bacino del Khabur (Siria)*. Rome. Pp. 135-187. INST ARCH DBD 10 Qto PEC.

\*Connan, Jacques. 2018. "The Bitumen of Tell Brak from the Middle Uruk (c.3500 BC) to Late Bronze Age (c.1280 BC): Origin and Trade Routes." *Journal of Historical Archaeology & Anthropological Sciences* 3 (6). <https://doi.org/10.15406/jhaas.2018.03.00163>.

Haller, A. 1952. *Die Gräber und Gräfte von Assur*. WVDOG 65. Berlin. ANCIENT HISTORY FOLIOS B 3 DOG.

\*Horowitz, Mara T. 2017. "Recent Trends in the Study of Late Bronze Age Ceramics in Syro-Mesopotamia and Neighbouring Regions." *Levant* 49 (2): 226–29. <https://doi.org/10.1080/00758914.2017.1400736>.

Laugier, E.J., Casana, J. & Cabanes, D. 2022. Phytolith evidence for the pastoral origins of multi-cropping in Mesopotamia (ancient Iraq). *Scientific Reports* **12**, 60. <https://doi.org/10.1038/s41598-021-03552-w>

Matthews, D. 1991. Middle Assyrian glyptic from Tell Billa. *Iraq* 53:17-42.



Miglus, P.A. 1996. *Das Wohngebiet von Assur. Stratigraphie und Architektur*. WVDOG 93. Berlin. INST ARCH DBB 10 Qto Series ASS

Numoto, H. 2006. Excavation at Tell Taban, Hassake, Syria (4), preliminary report of the 2005 winter season of work. *Al-Rafidan* 27:1-43.

Oates, D., Oates, J., McDonald, H. 1997. *Excavations at Tell Brak 1: The Mitanni and Old Babylonian Period*. Cambridge: McDonald Institute Monographs. INST ARCH DBD 10 Qto OAT

Oates, J. 1985. A note on 'Ubaid and Mitanni pottery from Tell Brak. *Iraq* 49:193-198.

Pecorella, P.E. and Benoit, R.P. 2008. *Tell Barri/Kahat La Campagna del 2003: relazione prelimiare*. Florence: Firenze University Press.

Pfälzner, P. 1995. *Mittanische und mittelassyrische Keramik: eine chronologische, funktionale und produktionsökonomische Analyse. Berichte der Ausgrabung Tall She Hamad, Dur-Katlimmu*. Berlin. INST ARCH DBD 10 Qto SEH

Postgate, C. Oates, D., Oates, J. 1997. *The Excavations at Tell al Rimah: The Pottery*. British School of Archaeology in Iraq and the Directorate of Antiquities. London. INST ARCH DBB 10 Qto POS

Schmidt, C. 1999. Die keramik der Areale A-F in Kar-Tukulti-Ninurta. In A. Hausleiter and A. Reiche (Eds.): *Iron Age Pottery in Northern Mesopotamia, Northern Syrian and South-Eastern Anatolia*. Münster. Pp. 60-89.

\*Shortland, A. J., S. Kirk, K. Eremin, P. Degryse, and M. Walton. 2018. "The Analysis of Late Bronze Age Glass from Nuzi and the Question of the Origin of Glass-Making: Late Bronze Age Glass from Nuzi and Origin of Glass-Making." *Archaeometry* 60 (4): 764–83. <https://doi.org/10.1111/arcm.12332>.

Starr, R.F.S. 1937 & 1939. *Nuzi: Report on the Excavations at Yorgan Tepe near Kirkuk, Iraq* (2 vols). Cambridge: Harvard. STORE FOLIOS 153.

Varberg, Jeanette, Bernard Gratuze, Flemming Kaul, Anne Haslund Hansen, Mihai Rotea, and Mihai Wittenberger. 2016. "Mesopotamian Glass from Late Bronze Age Egypt, Romania, Germany, and Denmark." *Journal of Archaeological Science* 74 (October): 184–94. <https://doi.org/10.1016/j.jas.2016.04.010>.

Wilkinson, T.J. and Tucker, D.J. *Settlement and Development in the North Jazira, Iraq*. ISSUE DESK IOA WIL. (Look at Late Bronze survey results).

## **Southern Mesopotamia**

Armstrong, J.A. 1989. *The Archaeology of Nippur from the Decline of the Kassite Kingdom until the Rise of the Neo-Babylonian Empire*. Ph.D. dissertation. University of Chicago.

Baqir, T. 1946. Iraq government excavations at 'Aqar Quf third interim report, 1944-45. *Iraq* 8:73-93.





Gibson, M. 1978. *Excavations at Nippur, Twelfth Season*. Oriental Institute Communications 23. Chicago: Oriental Institute. (see Oriental Institute online resources).

Glatz, Claudia, and Jesse Casana. 2016. "Of Highland-Lowland Borderlands: Local Societies and Foreign Power in the Zagros-Mesopotamian Interface." *Journal of Anthropological Archaeology* 44 (December): 127–47. <https://doi.org/10.1016/j.jaa.2016.09.001>.

Eichman, R. 1987. Die keramik. In: R.M. Boehmer: *Uruk Kampagne 38, 1985. Grabungen in J-K/23 und H/24-5* (Ausgrabungen in Uruk-Warka. Endberichte Band 1). Mainz and Rehein. Pp. 16-48. INST ARCH DBB 10 Qto Series URU END 1

Jasim, A.K., Hamza, H.A., and Altaweel, M. 2006. Tell Abu Shijar, near Aqar Quf: Summary of excavations. *Akkadica* 127(2) 155 - 166.

Matthews, D. 1992. *The Kassite Glyptic of Nippur*. Orbis Biblicus et Orientalis 116. Freiburg. INST ARCH KG MAT

Mustafa, M.A. 1947. Kassite figurines: A new group discovered near 'Aqar Quf. *Sumer* 3:19-23.

Pizzimenti, S. 2016. "The Kudurrus And The Sky. Analysis And Interpretation Of The Dog-Scorpion-Lamp Astral Pattern As Represented In Kassite Kudurrus Reliefs," February. <https://doi.org/10.5281/zenodo.220910>.

Woolley, L. 1965. *Ur Excavations VIII: The Kassite Period and the Period of the Assyrian Kings*. London: British Museum Press. ANCIENT HISTORY FOLIOS D 54 UR

Zettler, R. 1993. *Kassite Building in Area WC-1*. Oriental Institute Publications 111. Chicago: University of Chicago. INST ARCH DBB 10 Qto NIP

## Iran

Alizadeh, A. 2014. *Ancient Settlement Systems and Cultures in the Ram Hormuz Plain, Southwestern Iran: Excavations at Tall-e Geser and Regional Survey of the Ram Hormuz Area*. Oriental Institute Publications 140. <http://oi.uchicago.edu/research/publications/oip/oip-140-ancient-settlement-systems-and-cultures-ram-hormuz-plain>. (Look at Late Bronze 1600-1200 BC sections).

Alizadeh, A., Ahmadzadeh, L., Omidfar, M. 2015. Reflections on the long-term socioeconomic and political development in the Ram Hormoz Plain, a highland-lowland buffer zone. *Archaeologische Mitteilungen aus Iran und Turan* 45: 113-148 (relevant periods for the Late Bronze Age).

Carter, E. et al. 1996. *Excavations at Anshan (Tal-e Malyan): The Middle Elamite Period*. Philadelphia: University of Pennsylvania. INST ARCH DBG 10 MAL 2

Gasche, H. 1973. *Ville Royal de Suse: vol I : La poterie elamite du deuxieme millenaire a.C, Mission archéologique en Iran*. Mémoires 47. Leiden and Paris.



Ghirshman, R. 1966. *Tchoga Zanbil (Dur-Untash) I. La ziggurat*. M.D.A.I. 39. Paris.

Girshman, R. 1968. *Tchoga Zanbil (Dur-Untash) II. Temenos, temples, palais, tombes*, M.D.A.I. 40. Paris. STORE FOLIOS 808

Girshman, R. 1970. *Tchoga Zanbil (Dur-Untash) IV. La glyptique*. M.D.A.I 42. Paris.

Hiebert, F.T. and Lamberg-Karlovsky, C.C. 1992. Central Asia and the Indo-Iranian borderlands. *Iran* 30:1-15.

Mecquenem, R. 1931. Excavations at Susa (Persia), 1930-1931. *Antiquity* 5:330-343.

Moghaddam, A. and Miri, N. 2003. Archaeological research in the Mianab plain of lowland Susiana, South-western Iran. *Iran* 41:99-137.

Negahban, E.O. 1991. *Excavations at Haft Tepe, Iran*. Philadelphia: University of Pennsylvania. INST ARCH DBG 10 NEG

\*Oudbashi, O., Mehofer, M., Basafa, H., Tayyari, J., & Bahadori, S. 2020. Arsenical copper and bronze metallurgy during Late Bronze Age of north-eastern Iran: Evidences from Shahrak-e Firouzeh archaeological site. *Archaeological and Anthropological Sciences*, 12(10), 231. <https://doi.org/10.1007/s12520-020-01182-3>

Oudbashi, Omid, Davoud Agha-Aligol, Moslem Mishmastnehi, and Vahid Barnoos. 2019. "The Elamite Metalworkers: Multianalytical Study on Copper Objects and Ingots from Second Millennium BC of Southwestern Iran." *Archaeological and Anthropological Sciences* 11 (5): 2059–72. <https://doi.org/10.1007/s12520-018-0636-4>.

Oudbashi, O.; Mehofer, M.; Basafa, H.; Tayyari, J.; Bahadori, S. Arsenical Copper and Bronze Metallurgy during Late Bronze Age of North-Eastern Iran: Evidences from Shahrak-e Firouzeh Archaeological Site. *Archaeol Anthropol Sci* **2020**, 12, 231, doi:10.1007/s12520-020-01182-3.

## **Arabia and the Gulf**

Al-Shanfari, A. A. B. and Weisgerber, G. 1989. A late bronze age warrior burial from Nizwa (Oman). In: P.M. Costa, P. M. and M. Tosi (eds.), *Oman Studies*. Serie Orientale Roma LXIII, Rome, pp. 17–30.

Al-Tikriti, W.Y. 1989. The Excavations at Bidya, Fujairah: The Third and 2<sup>nd</sup> millennia BC culture. *Archaeology in the United Arab Emirates* 5:101-114.

Badre L. 1991. Le sondage stratigraphique de Shabwa, 1976–1981. *Syria* 68: 229–314.

Buffa, V. 2002. The Sabir culture sequence in the frame of archaeology of coastal Yemen and northeast Africa Bronze Age: A provisional view. *Vestnik Drevnei Istorii* 3: 175-184.

Carter, R. 1997. *Defining the Late Bronze Age in Southeast Arabia Ceramic Evolution and*



*Settlement during the Second Millennium B.C.* Unpublished PhD Dissertation. London.

Denton, B. 1994. Pottery, cylinder seals, and stone vessels from the cemeteries of al-Hajjar, al-Maqsha and Hamad town on Bahrain. *Arabian Archaeology and Epigraphy* 5:121-151.

\*Edens, C., Wilkinson, T.J., Barratt, G. 2000. Hammat al-Qa and the roots of urbanism in southwest Arabia. *Antiquity* 74:854-862.

Hølund, F. 1983. *Failaka/Dilmun, The Second Millennium Settlements, Volume 1: The Stamp and Cylinder Seals*. JASP 17/1. STORE 12-0601

Hølund, F. 1986. *Failaka/Dilmun, The Second Millennium Settlements, Volume 2: The Bronze Age Pottery*. JASP 17/2. STORE 12-0601

Hølund, F. 1986. The Chronology of City II and III at Qala'at al Bahrain. In: H.A. Al-Khalifa, and M. Rice (Eds.). *Quaternary Period in Saudi Arabia*. Vol 2. Vienna. Pp. 301-14.

Lidour, Kevin, Maria Paola Pellegrino, and Julien Charbonnier. 2023. "Coastal-Hinterland Exchange during the Late Bronze Age and the Early Iron Age across the Northern Hajar Mountains: The Case of Marine Shells at Masāfi 5 (Emirate of Fujairah, United Arab Emirates)." *Archaeological and Anthropological Sciences* 15(3): 29.

Potts, D.T. 1991. *Further Excavations at Tell Abraq: The 1990 Season*. Copenhagen: Munksgaard. INST ARCH DBF POT

Roberts, J., Weeks, L., Fillios, M., Cable, C., Carter, M., al Aali, Y. Y., et al. 2019. The exploitation of marine resources at Saruq al-Hadid: Insights into the movement of people and resources in Bronze and Iron Age south-eastern Arabia. *Arabian Archaeology and Epigraphy*, 30(2), 179–198. <https://doi.org/10.1111/aae.12137>

Velde, C. 1992. *Die spätbronzezeitliche und früheisenzeitliche Siedlung und ihre Keramik in Shimal/Ras al-Khaimah (Vereinigte Arabische Emirate)*. Göttingen. Unpublished MA Thesis.

Velde, C. 2003. Wadi Suq and Late Bronze Age in the Oman Peninsula. In: D.T. Potts, H.A. Naboodah, P. Hellyer (Eds.), *Archaeology of the United Arab Emirates*. Proceedings of the First International Conference on the Archaeology of the U.A.E. Pp. 101-114. IoA ISSUE DESK CD POT

Vogt, B. 1998. State, problems and perspectives of second millennium B.C. funerary studies in the Emirates of Ras al-Khaimah (U.A.E.). In: C. Phillips, D.T. Potts, and S. Searight (Eds.), *Arabia and Its Neighbours: Papers in Honour of Beatrice de Cardi*. Turnhout: Brepols. Pp. 273-290. INST ARCH DBF Qto PHI

**Session 7:** 21 February 2024

Session Lecturer: GA

## **The Late Bronze in the Levant and Anatolia**

*Summary:* The Late Bronze Age witnessed truly large empires affecting the Levant and



Anatolia: the New Kingdom, Mitanni, the Hittites. It is easy to view the Levant and Anatolia from the perspective of the most politically powerful empires. But there were spheres of relative independence and resistance. How did the LBA empires maintain control over distant territories? Why were some city-states under more control than others? Did elites in subordinate polities use material culture to emulate their imperial overlords or to resist them? How have petrographic studies of texts altered our understanding of political geography? Material culture: Ajjul, Alalakh, Cyprus, Alishar

**Note: \*\* = essential; \* = recommended; + = site report (scan one before class if you can). Before class, read all essentials; read as many recommended as you can.**

### **Historical Documents** (read a selection)

Pritchard, J. 1967. *Ancient Near Eastern Texts. Asiatic Campaigns of Thutmosis III; The Battle of Megiddo; Amarna Letters; Beth-Shan Stelae (Seti I, Ramesses II); Asiatic Campaigns of Ramesses II; Battle of Kadesh; The Story of Idrimi* REFERENCE DBA 600 QTO

### **Southern Levant** (read 2)

\*Bonfil R, Zarzecki-Peleg A. 2007. The palace in the upper city of Hazor as an expression of a Syrian architectural paradigm. *Bulletin American Schools of Oriental Research* 348, 25-47.

Dothan, T. 1987. The impact of Egypt on Canaan during the 18<sup>th</sup>-19th dynasties in light of excavations at Deir el-Balah. In Egypt, Israel, Sinai (ed. A. Rainey). Tel Aviv, 121-135. DBE 100 RAI

\*Goren, Y. et al 2002. Petrographic examination of Amarna tablets. *Near Eastern Archaeology*, 65:196-205.

Goren, Y. & et al 2003. The expansion of the kingdom of Amurru according to the petrographic investigation of the Amarna tablets. *BASOR* 329: 1-11.

Greenberg, R. 2019. *The Archaeology of the Bronze Age Levant: From Urban Origins to the Demise of City-States, 3700–1000 BCE*. 1st ed. Cambridge: Cambridge University Press: 272-353 (Chapter 6).

Higginbotham, C. 1996. Elite emulation & Egyptian governance in Ramesside Canaan. *Tel Aviv* 23(2).

Mazar, A. 1997. 4000 years of history at Tel Beth-Shean. *Biblical Archaeologist* 60(2).

Read, W., Barag, D., Oren, E. D. 2017. Glass Vessels and Beads from the Late Bronze Age Temple at Tel Sera', Israel. *Journal of Glass Studies* 59: 11-21.

Steel, L. 2002. Consuming passions: a contextual study of the local consumption of Mycenaean pottery at Tell el-'Ajjul. *Journal of Mediterranean Arch.* 15: 25-51.

### **Northern Levant** (read 2)

\*Dassow E von 2005. Archives of Alalakh IV in archaeological context. *Bulletin of the American Schools of Oriental Research* 338, 1-69.

Heinz, M. 2004. Kamid el-Loz. In C. Doumet-Serhal (ed) *Decade*, 562-581. Beirut.

\*Morandi Bonacossi, D. 2004, The chronology of the royal palace of Qatna revisited. *Egypt and the Levant*, 14: 221-239.

Kilani, M. 2020. *Byblos in the late bronze age: Interactions between the Levantine and*



*Egyptian worlds*. Brill.

- Manning, S. W., Lorentzen, B., Welton, L., Batiuk, S., & Harrison, T. P. 2020. Beyond megadrought and collapse in the Northern Levant: The chronology of Tell Tayinat and two historical inflection episodes, around 4.2ka BP, and following 3.2ka BP. *PLOS ONE*, 15(10), e0240799. <https://doi.org/10.1371/journal.pone.0240799>
- Morandi Bonacossi, D. 2015, The lower city palace at Qatna. In: *Qatna and the Networks of Bronze Age Globalism*, (Pfälzner, P. & al-Maqdissi, M., eds. ), Harrassowitz, Wiesbaden: p. 359-376.
- Pfälzner, P. 2012, How did they bury the kings of Qatna? In: *Reconstructing Funerary Rituals in the Ancient Near East*. (Pfälzner, P., et al., eds.) Harrassowitz, Wiesbaden: 205-220.
- Qatna (Mishrife) Project Website. <http://www.qatna.org/en-index.html>. *Mishrife in the Late Bronze; Operation H; Royal Palace; Operation K; Lower City Palace*
- Schloen, J. 2001. *The House of the Father as Fact & Symbol*. Winona Lake: Eisenbrauns. DBA100 Qto SCH
- Yon et al. 2000. Ugarit special issue. *Near Eastern Archaeology*, 63(4).

## **Cyprus and the Eastern Mediterranean (read 2)**

- \*Goren, Y. 2003. The location of Alashiya. *American Journal of Archaeology* 107: 233-255.
- \*Grave, P., et al. 2014, Ceramics, trade, provenience and geology: Cyprus in the Late Bronze Age. *Antiquity*, 88: 1180-1200.
- Keswani, P. 2012, Urban mortuary practices at Enkomi and Ugarit in the second millennium BC. In: *Reconstructing Funerary Rituals in the Ancient Near East*. (Pfälzner, P., et al. eds.), Harrassowitz, Wiesbaden: p. 183-204.
- Kolb, F. 2004. Troy VI: trading center & commercial city? *American Journal of Archaeology* 108: 577-613; also Jablonka & Rose, pp. 615-630.
- Manning, S. 2014, Dating the Thera (Santorini) eruption: archaeological and scientific evidence supporting a high chronology. *Antiquity*, 88: 1164-1179.
- Manning, S.W, Andreou, G.M., Fisher, K.D., Gerard-Little, P., Kearns, C., Leon, J.F., Sewell, D.A., and Urban, T.M. 2014. Becoming urban: investigating the anatomy of the Late Bronze Age complex, Maroni, Cyprus.” *Journal of Mediterranean Archaeology* 27 (1): 3–32.
- Sherratt, S. 2000, Circulation of metals and the end of the Bronze Age in the Eastern Mediterranean. In: *Metals Make the World Go Round: The Supply and Circulation of Metals in Bronze Age Europe*, (Pare, C., Ed.), Oxbow, Oxford: p. 82-95.

## **Anatolia (read 2)**

- Duru, R. 2001, Tilmen Huyuk excavations. In: *Istanbul University's Contribution to Archaeology in Turkey, 1932-2000*, (Bell, O., Ed.), Istanbul University Rectorate Publication, Istanbul: p. 133-136.
- \*Glatz, C. 2009. Empire as network: spheres of material interaction in Late Bronze Age Anatolia. *Journal of Anthropological Archaeology*, 28: 127-141.
- Glatz, C. & Matthews, R. 2005. Anthropology of a frontier zone. *Bulletin of the American Schools of Oriental Research*, 339: 47-65.
- Gorny, R. 1995. Hittite imperialism & anti-imperial resistance as viewed from Alişar, *BASOR* 299/300: 65-89.



- Postgate, N. 2007. The ceramics of centralization and dissolution. *Anatolian Studies* 57, 141-150.
- Şahoğlu, V., Sterba, J. H., Katz, T., Çayır, Ü., Gündoğan, Ü., Tyuleneva, N., Tuğcu, İ., Bichler, M., Erkanal, H., & Goodman-Tchernov, B. N. 2022. Volcanic ash, victims, and tsunami debris from the Late Bronze Age Thera eruption discovered at Çeşme-Bağlararası (Turkey). *Proceedings of the National Academy of Sciences*, 119(1), e2114213118. <https://doi.org/10.1073/pnas.2114213118>
- Seeher, J. 1995. Forty years in the capital of the Hittites, *Biblical Archaeologist* 58(2): 63-67.
- Zaccagnini, C. 1987. Aspects of ceremonial exchange in the Near East during the late 2<sup>nd</sup> millennium BC. In M. Rowlands, et al. (eds) *Centre & Periphery in the Ancient World*. Cambridge, 57-65.

## **For further reading**

**Reference works: Syntheses, Sites, Material Culture** (see list shown for MBA Levant and Anatolia)

### **Southern Levant**

- Ben Tor, A. & Bonfil, R. 1997. *Hazor V*. Jerusalem: Israel Exploration Society.
- Bergoffen, C., 2001. The Base-Ring pottery from Tell el-'Ajjul. In: Astrom, P. (Ed.), *The Chronology of Base Ring Ware and Bichrome Wheelmade Ware*. Almqvist and Wiksell, Stockholm, pp. 31-50.
- Bergoffen, C., 2001. The Proto-White Slip and White Slip I pottery from Tell el-'Ajjul. In: Karageorghis, V. (Ed.), *The White Slip Ware of Late Bronze Age Cyprus*. Verlag der Österreichischen Akademie der Wissenschaften, Vienna, pp. 145-155.
- \*Finkelstein, Israel, Eran Arie, Mario A.S. Martin, and Eli Piasezky. 2017. "New Evidence on the Late Bronze/Iron I Transition at Megiddo: Implications for the End of the Egyptian Rule and the Appearance of Philistine Pottery." *Ägypten und Levante* 27: 261–80. <https://doi.org/10.1553/AEundL27s261>.
- Goren, Y. & et al 2004. *Inscribed in Clay*. Tel Aviv: Tel Aviv University Press. DBA 300 GOR
- Hasel, M.G. 1998. *Domination & Resistance*. E.J. Brill, Leiden. EGYPTOLOGY B20 HAS.
- Higginbotham, C. 2000. *Egyptianization & Elite Emulation in Ramesside Palestine*. Boston.
- Mazar, Amihai, Uri Davidovich, and Arlette David. 2019. "Canaanite Rehob: Tel Rehov in the Late Bronze Age." *Bulletin of the American Schools of Oriental Research* 381 (May): 163–91. <https://doi.org/10.1086/703205>.

- \*Yahalom-Mack, Naama, Adi Eliyahu-Behar, Mario A. S. Martin, Assaf Kleiman, Ruth Shahack-Gross, Robert S. Homsher, Yuval Gadot, and Israel Finkelstein. 2017. "Metalworking at Megiddo during the Late Bronze and Iron Ages." *Journal of Near Eastern Studies* 76 (1): 53–74. <https://doi.org/10.1086/690635>.

### **Northern Levant**

- Boyes, Philip J. 2019. "Negotiating Imperialism and Resistance in Late Bronze Age Ugarit: The Rise of Alphabetic Cuneiform." *Cambridge Archaeological Journal* 29 (2): 185–99. <https://doi.org/10.1017/S0959774318000471>.
- Callot, O. 1994. *La tranchée Ville Sud: l'architecture domestique à Ugarit*. Paris. DBD10 CAL
- Dassow, Eva. von 2008. *State and Society in the Late Bronze Age*. Bethesda: CDL Press.



- Maqdissi, M., et al. 2002. *Excavating Qatna - Volume I*. Damascus. DBD 10 MAQ
- Morandi-Bonacossi, D. & et al 2003. Tel Mishrife/Qatna. *Akkadica*, 124: 65-120.
- Morandi-Bonacossi, D. 2006. A new royal statue from Tel Mishrife/Qatna. In Czerny, E. et al. (eds) *Timelines: Studies in Honor of Manfred Bietak*. Leuven: OLA 149 Vol. 3, pp. 53-62.
- Morandi Bonacossi, D. 2008, *Qatna I*. Forum Editrice,
- Pfälzner, P. & al-Maqdissi, M. 2015, *Qatna and the Networks of Bronze Age Globalism*. Qatna Studien Supplementa Band 2, Harrassowitz, Wiesbaden.
- Woolley, L. 1955. *Alalakh*. London: Society of Antiquaries. DBC 10 WOO SITE REPORT. (Level IV)
- Yener, K.A. (ed) 2010. *Tell Atchana, ancient Alalakh. Volume 1*. Istanbul: Koç Üniversitesi Yayınları.
- Yon, M. 1992. Ugarit, the urban habitat. *Bulletin American Schools of Oriental Research* 286: 19-34.
- Yon, M. 1992. The end of the kingdom of Ugarit. In W. Ward & M. Joukowsky (eds) *The Crisis Years*. Dubuque:Kendall/Hunt, 111-122. ISSUE DESK WAR1; ANC HIST B6 WAR
- Yon, M. et al. 2000. *Céramiques mycéniennes d'Ougarit*. Paris: ERC

## Anatolia

- Bittel, K. 1970, *Hattusha: the Capital of the Hittites*. Oxford University Press, New York.
- Bryce, T. 2003, Relations between Hatti and Ahhiyawa in the last decades of the Bronze Age. In: *Hittite Studies in Honor of Harry A. Hoffner, Jr. on the Occasion of his 65th Birthday*, (Beckman, G. M., Beal, R., & McMahon, G., eds. ), Eisenbrauns, Winona Lake, Indiana: p. 59-72.
- Genz, H. 2013, No land could stand before their arms. In: *The Philistines and Other Sea Peoples in Text & Archaeology*, (Killebrew, A. & Lehmann, G., eds.), Soc. Biblical Literature, Atlanta: 469-477.
- Glatz, C. (Ed.) (2015) Plain Pottery Traditions of the Eastern Mediterranean and Near East: Production, Use, and Social Significance. Series: University College London Institute of Archaeology Publications. Left Coast Press: Walnut Creek, CA. ISBN. INST ARCH DBE 300 GLA. 9781629580906. (see chapter on Anatolia Bronze Age).
- Hoffner, H. 1992, The last days of Khattusha. In: *The Crisis Years: the Twelfth Century BC*, (Joukowsky, M., Ed.), Kendall/Hunt Pub. Co, Dubuque, Iowa: p. 46-52.
- Macqueen, J. G. 1995, The history of Anatolia and of the Hittite empire: an overview. In: *Civilizations of the Ancient Near East*, (Sasson, J. M., Ed.), Charles Scribner's Sons, New York: p. 1085-1105.
- McMahon, G. 1995, The history of the Hittites. In: *Across the Anatolian Plateau*, (Hopkins, D. C., Ed.), American Schools of Oriental Research, Boston: p. 59-75.
- Yener, K. et al., (eds). 2002. *Recent Developments in Hittite Archaeology*. Eisenbrauns, Winona Lake.

## Cyprus and the Eastern Mediterranean

- Budd, P. et al. 1995 Oxhide ingots, recycling & the Mediterranean metals trade. *Journal of Mediterranean Archaeology* 8(1): 1-32.
- Leonard, A. Jr, 1995. Canaanite jars & the Late Bronze Age Aegeo-Levantine wine trade. In P. McGovern (ed) *The Origins & Ancient History of Wine*. New York. HC MCG.
- Karageorghis, V. & Kassianidou, V. 1999. Metalworking & recycling in Late Bronze Age



Cyprus: the evidence from Kition. *Oxford Journal of Archaeology*, 18: 171-188.  
Yalçın, U., 2006. *The Ship of Uluburun*. Deutsches Bergbau Museum, Bochum.

**Session 8:** 28 February 2024

Session Lecturer: MA

## **The Iron Age: The Emergence of Large Empires A Material Culture of Empire**

*Summary:* This week we discuss the Iron Age's broader themes and in particular the emergence of the Neo-Assyrian Empire and its influence on the Near East. We examine how the Assyrians began a trend of major empires that impacted the region for many centuries after the collapse of the Assyrian state. We discuss how imperialism influences material culture in the central and peripheral provinces of empires. In what ways do you expect that the Neo-Assyrian Empire would have influenced cultures surrounding it? How would this affect the material cultures in the Near East? How do you think states imitated others or differed in their art during the Neo-Assyrian period?

### **Empires and States in the Iron Age**

Ataç, M.A. 2010. *Mythology of Kingship in Neo-Assyrian Art*. Cambridge: Cambridge University Press. INST ARCH DBB 300 ATA

Bang, P.F (Ed.). 2012. *Universal Empire: A Comparative Approach to Imperial Culture and Representation in Eurasian History*. Cambridge University Press. Pp. 43-60. HISTORY 85 F BAN.

Bauer, A. 1998. Cities of the sea: Maritime trade and the origin of Philistine settlement in the Early Iron Age southern Levant. *Oxford Journal of Archaeology* 17(2):149-168.

Cline, E. H. and Graham, M.W (Eds.). 2011. *Ancient Empires: From Mesopotamia to the Rise of Islam*. Cambridge: Cambridge University Press. Pp. 55-101. ANCIENT HISTORY A 61 CLI.

\*Liverani, M. 2017. Thoughts on the Assyrian Empire and Assyrian kingship. In: *A Companion to Assyria* (E. Frahm eds.). Chichester, UK: John Wiley & Sons, Ltd.

Holloway, S.W. 2002. *Aššur is King! Aššur is King! Religion in the Exercise of Power in the Neo-Assyrian Empire*. Brill: Leiden. ANCIENT HISTORY D 74 HOL

Joffe, A. 2002. Rise of secondary states in the Iron Age Levant. *Journal of the Economic and Social History of the Orient* 45(4):425-467.

Kertai, D. 2011. Kalḫu's palaces of war and peace: Palace architecture at Nimrud in the ninth century BC. *Iraq* 73:71-85.

Liverani, M. 1979. The Ideology of the Assyrian Empire, In M.T. Larsen (ed.), *Power and Propaganda: A Symposium on Ancient Empires*. Copenhagen. Pp. 297-317. INST ARCH DBA 200 LAR





\*Osborne, James F. 2015. "Ancient Cities and Power: The Archaeology of Urbanism in the Iron Age Capitals of Northern Mesopotamia." *International Journal of Urban Sciences* 19 (1): 7–19. <https://doi.org/10.1080/12265934.2014.969297>.

Parker, B. 2001. *The Mechanics of Empire: The Northern Frontier of Assyria as a Case Study in Imperial Dynamics*. University of Helsinki: Helsinki.

Potts, D.T. (e.d.). 2012. *A Companion to the Archaeology of the Ancient Near East*. Chichester: Wiley-Blackwell. Pp. 797-930. (see Institute library by January 2013)

Sherratt, S. and Sherratt, A. 1993. The growth of the Mediterranean economy in the early first millennium BC. *World Archaeology* 24(3):361-378.

Sinopoli, C. 1994. The archaeology of empires. *Annual Review of Anthropology* 23:159-180.

Smith, A. 2011. Archaeologies of sovereignty. *Annual Review of Anthropology* 40: 415-32.

Stone, B.J. 1995. The Philistines and acculturation: Culture change and ethnic continuity in the Iron Age. *Bulletin of the American Schools of Oriental Research* 298:7-32.

Turchin, Peter. 2012. "Religion and Empire in the Axial Age." *Religion, Brain & Behavior* 2(3): 256–60.

Voigt, M. and Henrickson, R.C. Formation of the Phrygian state: The early Iron Age at Gordion. *Anatolian Studies* 50:37-54.

## **Material Culture of Empires**

Bahrani, Z. 2001. *Women of Babylon: Gender and Representation in Mesopotamia*. London: Routledge. ANCIENT HISTORY D 65 BAH

Bahrani, Z. 2003. *The Graven Image: Representation in Babylonia and Assyria*. Philadelphia: University of Pennsylvania Press. INST ARCH DBB 200 BAH

Bahrani, Z. 2008. *Rituals of War: The Body and Violence in Mesopotamia*. Zone Books: Brooklyn. INST ARCH DAK 161 PIO

Dolan, A.E.; Edwards, S.J. Preference for Periphery? Cultural Interchange and Trade Routes along the Boundaries of Late Iron Age Moab. *Palestine Exploration Quarterly* 2020, 152, 53–72, doi:10.1080/00310328.2020.1714275.

\*Hussein, M. M. Altaweel, M., Gibson, Mc. 2016. *Nimrud: The Queens' Tombs*. OIP 142. Chicago: Oriental Institute Publications.  
<https://oi.uchicago.edu/research/publications/misc/nimrud-queens-tombs>

Kreppner, F.J. 2002. Public space in nature: The case of Neo-Assyrian rock reliefs. *Altorientalisch Feorschungen* 29:367-83.



Mullen, D., Matney, T., Morrison, A., Fisch, M., Buchanan, B., & Bebbler, M. R. 2021. Experimental assessment of Neo-Assyrian bronze arrowhead penetration: An initial study comparing bilobate versus trilobate morphologies. *Journal of Archaeological Science: Reports*, 35, 102765. <https://doi.org/10.1016/j.jasrep.2020.102765>

Piotrovskii, B.B. 1967. *Urartu: The Kingdom of Van and its Art*. New York: F.A. Praeger.

Russell, J.M. 1987. Bulls for the palace and order in the empire: The sculptural program of Sennacherib's Court VI at Nineveh. *Art Bulletin* 69:520-539.

Russell, J.M. 1991. *Sennacherib's "Palace without Rival" at Nineveh*. Chicago: University of Chicago Press. INST ARCH DBB 10 RUS

Shafer, Ann Taylor; 2007. Assyrian royal monuments on the periphery: ritual and the making of imperial space. In J. Cheng and M.H. Feldman (eds.), *Ancient Near Eastern Art in Context: Studies in Honor of Irene J. Winter by Her Students*. Leiden: Brill Publishers. Pp. 133-160. INST ARCH DBA 300 CHE

Tadmor, H.; 1997. Propaganda, literature, historiography: Cracking the code of the Assyrian royal inscriptions. In S. Parpola and R.M. Whiting (Eds.), *Assyria 1995*. Proceedings of the 10th Anniversary Symposium of the Neo-Assyrian Text Corpus Project. Helsinki: The Neo-Assyrian Text Corpus Project. Pp. 325-338. INST ARCH DBB 200 PAR

Thomason, A.K. 2001. Representations of the north Syrian landscape in Neo-Assyrian art. *Bulletin of the American Schools of Oriental Research* 323:63-96.

\*Thomason, A.K. 2004. From Sennacherib's bronzes to Taharqa's feet: Conceptions of the material world at Nineveh. *Iraq* 66:151-162.

Wilkinson, T.J. and Tucker, D.J. 1995. *Settlement and Development in the North Jazira, Iraq*. ISSUE DESK IOA WIL. (Look at Iron Age survey results).

Zettler, R. 1979. On the chronological range of Neo-Babylonian and Achaemenid seals. *Journal of Near East Studies* 38(4):257-270.

Zimansky, P. 1995. Urartian material culture as state assemblage: An anomaly in the archaeology of empire. *Bulletin of the American Schools of Oriental Research* 299/300:103-115.

**Session 9:** March 6 2024

Session Lecturer: MA

**The Iron Age of Mesopotamia**

**The Iron Age of Iran**

**The Iron Age of Arabia and the Gulf**

*Summary:* This week we examine the Neo-Assyrian and Neo-Babylonian period in



Mesopotamia. We also look at the rise of the Median and Persian cultures in Iran. We examine how the Gulf and Arabia was influenced by the larger states and developed indigenously. Questions form this week include: How did Neo-Assyrian art begin to influence the region's artistic styles? What regions and cultures do you think Neo-Assyrian art and styles were influenced by? Are there broader Mesopotamian and Iranian themes during the Iron Age that we see deriving from much earlier periods?

## **Northern Mesopotamia**

\*Altaweel, Mark, and Andrea Squitieri. 2018. *Revolutionizing a World: From Small States to Universalism in the Pre-Islamic Near East*. London: UCL Press. (Chapters 2; section on Neo-Assyrians only). <https://www.jstor.org/stable/j.ctt21c4td4>

Anastasio, S. 2010. *Atlas of the Assyrian Pottery of the Iron Age*. Subartu 24. Turnhout: Brepols. INST ARCH DBB 300 Qto ANA

Andrae, W. 1938. *Das wiedererstandene Assur*. Leipzig: Hinrichs Verlag.

Curtis, J. and Green, A. 1997. *Excavations at Khribet Khatuniyeh*. London: British Museum Press. INST ARCH DBB 10 CUR

Curtis, J. Collon, D., Green, A. 1993. British museum excavations at Nimrud and Balawat in 1989. *Iraq* 55:1-37.

Curtis, J. 1989. *Excavations at Qasrij Cliff and Khirbet Qasrij*. London: British Museum. INST ARCH DBB 10 CUR

Fales, F. M. 2022. Political/Ideological Display or Economic Need? The Problematical Picture of the Hydraulic Networks in Seventh Century BC Assyria. In M. Frangipane, M. Poettinger, & B. Schefold (Eds.), *Ancient Economies in Comparative Perspective* (pp. 165–186). Springer International Publishing. [https://doi.org/10.1007/978-3-031-08763-9\\_9](https://doi.org/10.1007/978-3-031-08763-9_9)

Jamieson, A. 2011. *Tell Ahmar III. Neo-Assyrian Pottery from Area C*. Ancient Near Eastern Studies Supplement Series 35. Peeters.

Layard, A. 2001. *Nineveh and its Remains*. See the Lyons Press ed. Guildford, Connecticut.

Loud, G. 1936. *Khorsabad, Part 1: Excavations in the Palace and at a City Gate*. Oriental Institute Publications 38. Chicago: University of Chicago Press. (see Oriental Institute online publications)

Loud, G. and Altman, C.B. 1938. *Khorsabad, Part 2: The Citadel and the Town*. Oriental Institute Press 40. Chicago: University of Chicago. (see Oriental Institute online publications)

Madhloom, T. 1968. Excavations at Nineveh: The 1967-1968 campaign. *Sumer* 25:45-51.

Madhloom, T. 1969. Excavations at Nineveh: The 1968-69 campaign. *Sumer* 25:43-49.

Mallowan, M.E.L. 1966. *Nimrud and its Remains*. 3 vols. British School of Archaeology in



Iraq. London: Collins. INST ARCH DBB 10 Qto MAL

Masetti-Rouault, M.G. and Salmon, S. 2010. The Neo-Assyrian colony of Tell Masaikh in the region of the Syrian lower Middle Euphrates Valley: Report on the latest excavations. *Proceedings of the 6<sup>th</sup> International Congress of the Archaeology of the Ancient Near East*. Vol. 2. Pp. 385-396. Wiesbaden. INST ARCH DBA 100 MAT

\*Morandi Bonacossi, D., & Qasim, H. A. 2022. IRRIGATION AND LANDSCAPE COMMEMORATION IN NORTHERN ASSYRIA, THE ASSYRIAN CANAL AND ROCK RELIEFS IN FAIDA (KURDISTAN REGION OF IRAQ): PRELIMINARY REPORT ON THE 2019 FIELD SEASON. *Iraq*, 1–39. <https://doi.org/10.1017/irq.2022.10>

Neumann, Kiersten. 2018. “READING THE TEMPLE OF NABU AS A CODED SENSORY EXPERIENCE.” *Iraq* 80 (December): 181–211. <https://doi.org/10.1017/irq.2018.11>.

\*Thomason, Allison Karmel. 2016. “The Sense-Scapes of Neo-Assyrian Capital Cities: Royal Authority and Bodily Experience.” *Cambridge Archaeological Journal* 26 (2): 243–64. <https://doi.org/10.1017/S0959774315000578>.

Oates, J. 1959. Late Assyrian pottery from Fort Shalmaneser. *Iraq* 21(2):130-146.

Oates, J. and Oates, D. 2001. *Nimrud: An Imperial City Revealed*. British School of Archaeology in Iraq. London. INST ARCH DBB 10 OAT

Parker, B. 1962. Seals and seal impressions from the Nimrud excavations, 1955-58. *Iraq* 24:26-40.

Radner, K. 2023. See online book series on the Peshdar Plain, focusing on excavations at Girdi Bazar: <https://www.en.ag.geschichte.uni-muenchen.de/research/peshdar-plain-project/index.html>

## **Southern Mesopotamia**

Gibson, M et al. 1978. *Excavations at Nippur: The Twelfth Season*. Oriental Institute Communications 23. Chicago: University of Chicago. (see online access via the Oriental Institute)

Jordan, J. 1930. *Ausgrabungen in Uruk-Warka 1928/29*. UVB 1. Berlin. (See INST ARCH course reading materials)

Koldewey, R. 1911. *Die Tempel von Babylon und Borsippa*, WVDOG 15. Pp. 37–49. STORE FOLIOS 4608

Koldewey, R. 1914. *The Excavations at Babylon*. English translation. Toronto: Macmillan and Co. INST ARCH DBB 10 KOL

Koldewey, R. *Das Ischtar-Tor in Babylon*. WVDOG 32. ANCIENT HISTORY QUARTOS D 14 KOL



Langdon, S. 1912, *Die neubabylonischen Königsinschriften*. VAB 4. Leipzig. STORE 06-0824

Langdon, S. 1924. *Excavations at Kish I*. Paris: Paul Geuthner.

Langdon, S. 1934. *Excavations at Kish IV*. Paris: Paul Geuthner.

McCown, D.E. and Haines, R.C. 1967. *Nippur 1, Temple of Enlil, Scribal Quarter, and Soundings: Excavations of the Joint Expedition to Nippur of the University Museum of Philadelphia and the Oriental Institute of the University of Chicago*. Oriental Institute Publications 78. Chicago: University of Chicago. (see online Oriental Institute resources)

\*Woolley, C.L. 1962. *Ur Excavations 9. The Neo-Babylonian and Persian Periods*. London.

## Iran

Alizadeh, A., Ahmadzadeh, L., Omidfar, M. 2015. Reflections on the long-term socioeconomic and political development in the Ram Hormoz Plain, a highland-lowland buffer zone. *Archaeologische Mitteilungen aus Iran und Turan* 45: 113-148 (relevant periods for the Iron Age).

\*Danti, M. and Cifarelli, M. 2016. Assyrianizing contexts at Hasanlu IVb? Materiality and identity in Iron II northwest Iran. *The Provincial Archaeology of the Assyria Empire* (J. MacGinnis et al.). Pp. 357-370. Cambridge.

Goff, C. 1978. Excavations at Baba Jan: The pottery and metal from levels III and II. *Iran* 16:29-65.

Fahmi, H. 2010. An Iron Age fortress in central Iran: Archaeological investigations in Shahmshirgah, Qom, 2005. Preliminary report. *Proceedings of the 6<sup>th</sup> International Congress of the Archaeology of the Ancient Near East*. Vol. 2. Pp. 165-184. Wiesbaden. INST ARCH DBA 100 MAT

Helwing, B. 2006. Tappeh Sialk south mound: Operation 3. In: S.M. Shahmirzadi (Ed.), *The Fishermen of Sialk: Sialk Reconsideration Project*, Report 4. Archaeological Report Monograph Series 7. Tehran. Pp. 27-66.

Gopnik, H. 2003. The ceramics from Godin II in the late 7<sup>th</sup> to early 5<sup>th</sup> centuries BC. In: Lanfranchi, M. Roaf, and R. Rollinger (Eds.). 2003. *Continuity of Empire(?): Assyria, Media, Persia, History of the Ancient Near East*. Monographs 5. Padova. Pp. 249-268.

Magee, Pl. 2004. *Excavations at Tepe Yahya, Iran, 1967-1975: The Iron Age Settlement*. Cambridge, MA: Harvard University. INST ARCH DBG 10 MAG

Marcus, M. 1996. Emblems of Identity and Prestige: *The Seals and Sealings from Hasanlu, Iran: Commentary and Catalog*. Philadelphia: University of Pennsylvania. INST ARCH DBG 10 Qto MAR

Muscarella, O.W. 1974. The Iron Age at Dinkha Tepe, Iran. *Metropolitan Museum Journal*



9:35-90.

Roaf, M. and Stronach, D. 1973. Tepe Nush-I Jan, 1970: Second Interim Report. *Iran* 11:129-138.

Stronach, D., Roaf, M., and Bökönyi, S. 1978. Excavations at Tepe Nush-I Jan. *Iran* 16:1-28.

Young, T.C. 1969. *Excavations at Godin Tepe. First Progress Report*. Royal Ontario Museum Occasional Paper 17. Toronto. INST ARCH DBG 10 YOU

Young, T.C. and Levine, L.D. 1974. *Excavations at Godin Tepe. Second Progress Report*. Royal Ontario Museum Occasional Paper 26. Toronto. INST ARCH DBG 10 YOU

### **Arabia and the Gulf**

Benoist, A., Cordoba, J., and Mouton, M. 1997. The Iron Age in al-Madam (Sharjah, UAE): Some Notes on Three Seasons of Work. *Proceedings of the Seminar for Arabian Studies* 27:59-73.

Bourcharlat, R. and Lombard, P. 1985. The oasis of al-Ain in the Iron Age: Excavations at Rumeilah, 1981-1983, Survey at Hili 14. *AUAE* 4:44-73.

Bourcharlat, R. and Mouton, M. 1990. Excavations at Mleiha Site: A preliminary report. In: R. Bourcharlat and N. al-Abboudi (Eds.), *Archaeological Surveys and Excavations in the Sharjah Emirate, 1986: A Third Preliminary Report*. Sharjah. Pp. 38-50.

Brenton, J.F. 1992. *Fouilles de Shabwa II. Rapports préliminaires*. Prais: Geuthner. INST ARCH DBF BRE

Breton, J.F. 2003. Preliminary notes on the development of Shabwa. *Proceedings of the Seminar for Arabian Studies* 33:199-213.

Breton, J.F. 1994. *Les fortifications d'Arabie méridionale du 7<sup>e</sup> au 1<sup>er</sup> siècle avant notre ère*. Mainz: von Zabern.

Hausleiter, A. 2010. L'oasis de Taymâ'. In: A. al-Ghabban and B. André-Salvini (Eds.), *Routes d'Arabie. Archéologie et histoire du Royaume d'Arabie Saoudite*. Paris. Pp. 218-239.

\*Hermann, J.T., Casana, J., Qnadil, H.S. 2012. A sequence of inland desert settlement in the Oman peninsula: 2008–2009 excavations at Saruq al-Hadid, Dubai, UAE. *Arabian Archaeology and Epigraphy* 23(1):50-69.

\*Kristensen, Troels Myrup, and Wiebke Friese, eds. 2017. *Excavating Pilgrimage: Archaeological Approaches to Sacred Travel and Movement in the Ancient World*. 1st ed. Abingdon, Oxon ; New York, NY : Routledge, [2017] | Series: Routledge studies in pilgrimage, religious travel & tourism: Routledge. <https://doi.org/10.4324/9781315228488>. See Chapter by J. McCorrison.



Lombard, P. 1985. *L'Arabie orientale a l'age du fer*. Thesis submitted to the University of Paris.

Lombard, P. 1986. Iron Age Dilmun. A reconsideration of City IV at Qala't al Bahrain. In: A.M al-Khalifa and M. Rice (Eds.), *Bahrain through the Ages*. London. Pp. 225-232. INST ARCH DBF KHA

Magee, P. 1996. Excavations at Muweilah: Preliminary report on the first two seasons. *Arabian Archaeology and Epigraphy* 7:195-213.

Magee, P. 1996. The chronology of the southeast Arabian Iron Age. *Arabian Archaeology and Epigraphy* 7:240-252.

\*Power, Timothy, Anne Benoist, and Peter Sheehan. 2019. "An Iron Age Ceramic Sequence from the Bayt Bin Ati, Al-Ain, UAE." *Arabian Archaeology and Epigraphy* 30 (1): 75–102. <https://doi.org/10.1111/aae.12122>.

Renzi, M; Intilia, A; Hausleiter, A; Rehren, T; 2016. Early Iron Age metal circulation in the Arabian Peninsula: the oasis of Tayma as part of a dynamic network. In: Starkey, J and Elmaz, O, (eds.). *Proceedings of the Seminar for Arabian Studies*. (pp. pp. 237-246). Archaeopress Publishing Ltd: Oxford, UK.

Vogt, B. 1999. Ein Schatzfund und Seine Unabsehbaren Folgen – Alpinarchaologische Forschungen des Dai am Jabal al-Awd/Provinz Ibb. *Jemen* 30/1: 5–7.

Yule, P. and Kervan, M. 1993. More than Samad in Oman: Iron Age pottery from Suhar and Khor Rori. *Arabian Archaeology and Epigraphy* 4:69-106.

**Session 10: 13 March 2024**

Session Lecturer: GA

## **The Iron Age in the Levant and Anatolia**

*Summary:* In the wake of the LBA collapse, independent city-states and small kingdoms emerged but their autonomy was often short-lived: many were caught up in the Neo-Assyrian, Neo-Babylonian and Persian empires. Although alliances and confederations were formed to resist Mesopotamian aggressions, these states were mostly small. Territorial boundaries were fluid or changing, and political organization was quite variable. The Iron Age polities covered here are Philistia, Phoenicia, Israel and Judah, Ammon, Moab, Edom, Arabia, the Aramaean and Neo-Hittite 'houses,' Urartu, Phrygia. What processes drove secondary state formation in the Iron Age? How were these states organized politically? How accurate are historical (written) sources on the history of this period? Material Culture: Fara, Samaria, Jemmeh, Beycesultan, al Mina

**Note: \* = recommended**

**Historical Documents** (read a selection)



Pritchard, J. 1967. *Ancient Near Eastern Texts*. War Against Peoples of the Sea; Hymn of Victory of Merenptah (Israel stela); Journey of Wen-Amun to Phoenicia; Ahiram of Byblos; Moabite Stone; Samaria Ostraca; Siloam; Lachish Ostraca; Ben-Hadad of Damascus; Zakir of Hamat & Lu'ath; Tabnit of Sidon; Eshmunazar of Sidon.  
REFERENCE DBA 600 QTO

## **Philistia.** (Read 1)

- Barako, T. 2000. The Philistine settlement as mercantile phenomenon. *American Journal of Archaeology*, 104: 513-530.
- Cline, E. H. & O'Connor, D. B. 2003. The mystery of the Sea Peoples. In D. B. O'Connor & S. Quirke (Eds.), *Mysterious Lands: Encounters with Ancient Egypt*: London: UCL Press. EGYPTOLOGY B20 OCO; ISSUE DESK OCO
- Dothan, T. K. & Zukerman, A. 2004. A preliminary study of the Mycenaean III C1 pottery assemblages from Tel Miqne-Ekron & Ashdod. *Bulletin American Schools of Oriental Research*, 333: 1-54.
- Hesse, B. 1990. Pig lovers & pig haters. *Journal of Ethnobiology*, 10(2): 195-225.
- Stager, L. 1995. The impact of the Sea Peoples in Canaan. In *The Archaeology of Society in the Holy Land* (ed. T. Levy). Leicester, pp. 332-348. DBE 100 LEV; ISSUE DESK LEV 3

## **Phoenicia.** (Read 1)

- Aubet, M.E. 1993. *The Phoenicians & the West*. Cambridge: CUP. DAG 100 AUB
- Aubet, M. E. 2004. The Tyre al-Bass necropolis. In C. Doumet-Serhal (ed) *Decade: A Decade of Archaeology & History in Lebanon*: 16-27. Beirut. DBD 100 QTO DOU
- Niemeyer, H. G. 2000. The early Phoenician city-states on the Mediterranean. In M. H. Hansen (Ed.), *A Comparative Study of Thirty City-State Cultures*: 89-115. Copenhagen. BC 100 Qto HAN
- \*Schwartz, J., Houghton, F., Bondioli, L., & Macchiarelli, R. 2012, Bones, teeth, and estimating age of perinates: Carthaginian infant sacrifice revisited. *Antiquity*, 85: 859-874.
- Smith, P., Avishai, G., Greene, J., & Stager, L. E. 2011 Aging cremated infants: the problem of sacrifice at the Tophet of Carthage. *Antiquity*, 85: 859-874.
- Xella, P., Quinn, J., Melchiori, V., & van Dommelen, P. 2012, Phoenician bones of contention. *Antiquity*, 87(338): 1199-1207.
- Yon, M. 1997. Kition in the 10<sup>th</sup>-4<sup>th</sup> centuries BC. *Bulletin of the American Schools of Oriental Research*, 308: 9-18.

## **Israel-Judah.** (Read 2, 1 by each author)

### Chronology Debate 1: Low Chronology

- Finkelstein, I., 2005. A Low Chronology update: archaeology, history and the Bible. In: Levy, T.E., Higham, T. (Eds.), *The Bible and Radiocarbon Dating*. Equinox, London, pp. 31-42.
- Finkelstein, I., 2007. King Solomon's golden age: history or myth? In: Schmidt, B.B. (Ed.), *The Quest for the Historical Israel*. Society of Biblical Literature, Atlanta, pp. 107-116.
- Finkelstein, I., 2007. Digging for the truth: archaeology and the Bible. In: Schmidt, B.B.





(Ed.), *The Quest for the Historical Israel*. Society of Biblical Literature, Atlanta, pp. 9-20.

### Chronology Debate 2: Modified Conventional Chronology

- Mazar, A., 2005. The debate over the chronology of the Iron Age in the southern Levant. In: Levy, T.E., Higham, T. (Eds.), *The Bible & Radiocarbon Dating*. London, pp. 15-30.
- Mazar, A., 2007. On archaeology, Biblical history and Biblical archaeology. In: Schmidt, B.B. (Ed.), *The Quest for the Historical Israel*. Society of Biblical Literature, Atlanta, pp. 21-33.
- Mazar, A., 2007. The search for David and Solomon: an archaeological perspective. In: Schmidt, B.B. (Ed.), *The Quest for the Historical Israel*. Society of Biblical Literature, Atlanta, pp. 117-139.

### Ammon, Moab, Edom, Arabia (Read 1)

- Bienkowski, P. & van der Steen, E. 2001. Tribes, trade & towns: a framework for the Iron Age in southern Jordan and the Negev. *Bulletin American Schools of Oriental Research* 323.
- LaBianca, O.S. & Younker, R. 1995. The kingdoms of Ammon, Moab & Edom. In *The Archaeology of Society in the Holy Land* (ed. T. Levy). Leicester, pp. 399-415. DBE 100 LEV; ISSUE DESK LEV 3
- MacDonald, B. & Younker, R. 1999. *Ancient Ammon*. Leiden: Brill. DBE 100 MAC
- Miller, M. (ed) (1997). The archaeology of Moab. *Biblical Archaeologist* 60(4). (all articles)
- Younker, R. W. 2003. The emergence of Ammon. In: B. Nakhai (ed.) *The Near East in the Southwest*. Boston. DBE SERIES ANN 58
- Zayadine, F. 1991. Ammonite sculpture. In P. Bienkowski (ed) *Treasures from an Ancient Land: the Art of Jordan*. Liverpool. 38-51. DBE 300 BIE

### Neo-Hittite and Aramean Kingdoms. (Read 1)

- Dion, Paul E., 1995. Aramaean tribes & nations of first-millennium western Asia. In: J. Sasson (ed) *Civilizations of the Ancient Near East*. New York. Vol. II: 1281-1294. DBA 100 SAS
- Harrison, T.P. 2001. Tell Tayinat & the kingdom of Unqi. In: Daviau, P. et al (eds) *The World of the Aramaeans Volume II*. Sheffield. ANC HIST HK 5DAV
- Hawkins, J.D. 1981. The Neo-Hittite states in Syria & Anatolia. In *The Cambridge Ancient History*, Volume III Part 1 (2nd Ed.) (ed. I.E.S. Edwards et al.). Cambridge. DBA 100 CAM
- Hawkins, J. David. 1995. Karkamish & Karatepe: Neo-Hittite city-states in north Syria. In Jack M. Sasson et al., eds., *Civilizations of the Ancient Near East*. II. New York, 1295-1307. DBA 100 SAS.
- \*Karacic, Steven, and James F. Osborne. 2016. "Eastern Mediterranean Economic Exchange during the Iron Age: Portable X-Ray Fluorescence and Neutron Activation Analysis of Cypriot-Style Pottery in the Amuq Valley, Turkey." Edited by John P. Hart. *PLOS ONE* 11 (11): e0166399. <https://doi.org/10.1371/journal.pone.0166399>.
- Mazzoni, S. 2001. Tell Afis & the Lu'ash in the Aramaean period. In: Daviau, P. et al. (eds) *The World of the Aramaeans Volume II*. Sheffield. ANC HIST HK 5DAV
- Thuesen, I. 2002. The Neo-Hittite city-states. In M. H. Hansen (Ed.), *A Comparative Study of Six City-State Cultures*: 43-55. Copenhagen: Royal Danish Academy. BC 100 Qto



HAN

\*Welton, Harrison, Batiuk, Ünlü, Janeway, Karakaya, Lipovitch, Lumb, and Roames. 2019. "Shifting Networks and Community Identity at Tell Tayinat in the Iron I (ca. 12th to Mid 10th Century B.C.E.)." *American Journal of Archaeology* 123 (2): 291. <https://doi.org/10.3764/aja.123.2.0291>.

## **Urartu and Phrygia** . (Read 1)

Burney, C. A. 1998. The kingdom of Urartu. In R. Matthews (Ed.), *Ancient Anatolia*: 143-162. London: BIAA.

Muscarella, O. W. 1995. The Iron Age background to the formation of the Phrygian empire. *BASOR*, 299: 91-102.

\*Narimanishvili, Dimitri. 2019. "Late Bronze–Iron Age Fortification Complexes of the Historical Javakheti Region, Georgia." *Antiquity* 93 (367): e5. <https://doi.org/10.15184/aqy.2019.7>.

Sams, K. 1995. Midas of Gordion and the Anatolian kingdom of Phrygia. In J. M. Sasson (Ed.), *Civilizations of the Ancient Near East: 1147-1159*. New York: Charles Scribner's Sons.

Voigt, M. M. 1997. Gordion. In E. M. Meyers (Ed.), *The Oxford Encyclopedia of Near Eastern Archaeology, Volume 2*: 426-431. New York: Oxford University Press.

Zimansky, P. E. 1995. The kingdom of Urartu in eastern Anatolia. In J. M. Sasson (Ed.), *Civilizations of the Ancient Near East: 1135-1146*. New York: Scribner.

## **For further reading**

### **Reference Works: Sites, Syntheses, Material Culture** (see MBA list)

## **Philistia**

Artzy, M. 1997. Nomads of the sea. In S. Swiny, R. L. Hohlfelder, & H. W. Swiny (Eds.), *Res Maritimae: Cyprus and the Eastern Mediterranean from Prehistory to Late Antiquity*: 1-16. Atlanta: Scholars Press. DAG 15 Qto SWI

Bunimovitz, S. 1990. Problems in ethnic identification of Philistine material culture. *Tel Aviv* 17:210-222.

Dothan, T. 1982. *The Philistines & Their Material Culture*. New Haven: Yale. DBE 100 DOT

Dothan, T. 1997. Tel Miqne-Ekron. In *The Archaeology of Israel* (eds. N. Silberman & D. Small). Sheffield: Sheffield Academic Press, pp. 98-106. DBE 100 SIL

Gunneweg, J. et al. 1986. On the origin of pottery from Tel Miqne-Ekron. *Bull. Amer. Schools of Oriental Research*, 264: 3-16.

Mierse, W. E. 2012. *Temples and Sanctuaries from the Early Iron Age Levant: Recovery After Collapse*. Penn State University Press. <https://doi.org/10.1515/9781575066783>

Killebrew, A. et al. 1996. *Tel Miqne-Ekron: the Bronze & Iron ages*. Jerusalem: Albright Institute of Archaeological Research.

Oren, E. 2000. *The Sea Peoples & their World*. Philadelphia: Univ. Pennsylvania. DBA 100 ORE

Strange, J. 2000. The Philistine city-states. In M. Hansen (ed.), *A Comparative Study of Thirty City-State Cultures*: 129-139. Copenhagen: Royal Danish Academy of Sciences and Letters.



## Phoenicia

- Anderson, W. 1988. *Sarepta I*. Philadelphia: University of Pennsylvania Press. DBD 10 SERIES SAR
- BASOR 1990. Volume 279
- BASOR 1997. Volume 308 (Iron Age Cyprus)
- Ballard, R. D. & et al 2002, Iron Age shipwrecks in deep water off Ashkelon, Israel. *American Journal of Archaeology*, 106: 151-168.
- Curvers, H. H. & Stuart, B. 2004. Beirut central district archaeology project, 1994-2003. In C. Doumet-Serhal (ed) *Decade*: 248-265. Beirut. DBD 100 QTO DOU
- Dommelen, P. von 2005. Colonial interactions and hybrid practices: Phoenician and Carthaginian settlement. In: G. Stein (ed) *The Archaeology of Colonial Encounters*. Santa Fe: SAR. 109-142.
- Markoe, G. 2000. *The Phoenicians*. Berkeley: University of California Press. DBE100 MAR
- Moscato, S. (ed.) 1988. *The Phoenicians*. Milan/: Bompiani/John Murray. DAG Qto VEN
- Pritchard, J. 1978. *Recovering Sarepta, a Phoenician City*. Princeton. DBD 10 PRI
- Schreiber, N. 2003. *The Cypro-Phoenician pottery of the Iron Age*. Leiden: Brill. DAG 15 SCH
- Stern, E. 1995. *Excavations at Dor*. Jerusalem: Hebrew University. DBE 10 QTO STE
- \*Whitley, James. 2018. "Near Eastern Art in the Iron Age Mediterranean." In *A Companion to Ancient Near Eastern Art*, edited by Ann C. Gunter, 585–612. Hoboken, NJ, USA: John Wiley & Sons, Inc. <https://doi.org/10.1002/9781118336779.ch24>.

## Israel-Judah

- The Bible: 2 Kings 3: 4-27. <http://www.biblegateway.com>
- Ben Tor, A. & Bonfil, R. 1997. *Hazor V*. Jerusalem: Israel Exploration Soc. DBE10 QTO SERIES HAZ 5
- Ben-Yosef, Erez. 2019. "Archaeological Science Brightens Mediterranean Dark Age." *Proceedings of the National Academy of Sciences* 116 (13): 5843–45. <https://doi.org/10.1073/pnas.1901885116>.
- Dever, William G. 2017. *Beyond the Texts: An Archaeological Portrait of Ancient Israel and Judah*. Atlanta, GA: SBL Press.
- Finkelstein, I., et al. 1997. *Highlands of many Cultures: The Southern Samaria survey*. 2 vols. Tel Aviv: Institute of Archaeology of Tel Aviv University Publications Section. DBE 10 FIN
- Finkelstein, I. 2005. Archaeology, the Bible, & the history of the Levant in the Iron Age. In S. Pollock & R. Bernbeck (eds) *Archaeologies of the Middle East*. Oxford: Blackwell, pp.207-222. ISSUE DESK POL4
- Finkelstein, I. 2005 Deformation of the Israelite state. *Near Eastern Archaeology* 68: 202-208.
- Finkelstein, I. & Silberman, N. A. 2001. *The Bible Unearthed*. New York: Free Press. DBE 100 FIN ISSUE DESK FIN (Chapters 10-12 and Appendices A-G)
- Finkelstein, I. et al. 2000. *Megiddo III*. Tel Aviv: Tel Aviv University. DBE 10 FIN
- Finkelstein, I., et al. 2006. *Megiddo IV*. Tel Aviv: Tel Aviv University. DBE 10 FIN
- Franklin, N., 2008. Trademarks of the Omride builders? In: Fantalkin, A., Yasur-Landau, A. (Eds.), *Bene Israel*. Brill, Leiden, pp. 45-54.
- Halpern, Baruch, Kenneth Sacks, and Tyler Edward Kelley, eds. 2017. *Cultural Contact and Appropriation in the Axial-Age Mediterranean World: A Periplos*. Culture and History



- of the Ancient Near East, volume 86. Leiden ; Boston: Brill.
- Killebrew, A.E., 2005. *Biblical Peoples and Ethnicity*. Society of Biblical Literature, Atlanta.
- Levy, T. (ed) 1995. *The Archaeology of Society in the Holy Land*. Leicester. DBE 100 LEV (Stager, Dever, Holladay, Stern)
- Master, D. M. 2001. State formation theory & the kingdom of ancient Israel. *Journal of Near Eastern Studies*, 60: 117-131.
- Peters, I., L. Tauxe, and E. Ben-Yosef. 2018. "Archaeomagnetic Dating of Pyrotechnological Contexts: A Case Study for Copper Smelting Sites in the Central Timna Valley, Israel: Copper Smelting Sites in the Central Timna Valley, Israel." *Archaeometry* 60 (3): 554–70. <https://doi.org/10.1111/arcm.12322>.
- Sergi, Omer, Manfred Oeming, and Izaak J. de Hulster, eds. 2016. *In Search for Aram and Israel: Politics, Culture, and Identity*. Orientalische Religionen in Der Antike 20. Tübingen: Mohr Siebeck.
- Steiner, M. L. 2001. *Excavations by Kathleen Kenyon in Jerusalem, 1961-1967. Volume III: The Settlement in the Bronze & Iron Ages*. Sheffield: Sheffield Academic Press. DBE10 Qto
- Tappy, R. 1992 *The Archaeology of Israelite Samaria*. Winona Lake: Eisenbrauns. DBE 10 TAP.
- \*Thareani, Yifat. 2016. "Imperializing the Province: A Residence of a Neo-Assyrian City Governor at Tel Dan." *Levant* 48 (3): 254–83. <https://doi.org/10.1080/00758914.2016.1239921>.
- Ussishkin, D. 2004. *Renewed Archaeological Excavations at Lachish* Tel Aviv. DBE 10 USS

### **Ammon, Moab, Edom, Arabia**

- Bienkowski, P. (ed) 1992. *Early Edom & Moab*. Sheffield. (pp. 1-12 & 99-112). DBE 100 BIE (Edom)
- Bienkowski, P. 2001. Iron Age settlement in Edom. In P. M. M. Daviau, et al. (Eds.), *The World of the Aramaeans, Volume II*: Sheffield: Sheffield Academic Press. ANC. HIST. HK5 DAV
- Bienkowski, P. 2003. *Busayra*. Oxford: Oxford University Press. DBE 10 Qto BIE
- Herr, L. G. 1997. The Iron Age II period. *Near Eastern Archaeology*, 60(3): 114-183.
- Herr, L. G. (ed) 2002. *Madaba Plains Project*. Berrien Springs: Andrews University Press. DBE 10 MAD
- Hoyland, R. 2001. *Arabia & the Arabs: From the Bronze Age to Islam*. London. DBF HOY (Iron Age)
- Ray, P. J., 2001. *Tell Hesban & Vicinity in the Iron Age*. Berrien Springs, Mich: Institute of Archaeology. DBE 10 RAY
- Routledge, B. 2004. *Moab in the Iron Age: Hegemony, Polity, Archaeology*. Philadelphia: University of Pennsylvania Press. DBE 100 ROU
- Tushingham, A. & Pedrette, P. 1995. Mesha's citadel complex at Dhiban. *Studies in History & Archaeology Jordan* V, 151-160.
- Yunker, R. W. 2003. The Iron Age in the southern Levant. In S. Richard (ed) *Near Eastern Archaeology: A Reader*: 367-382. Winona Lake, Indiana: Eisenbrauns. DBA 100 RIC

### **Aramaeans & NeoHittites**

- Daviau, P. et al. (eds) 2001. *The World of the Aramaeans*. Sheffield. ANC HIST HK 5DAV
- Dornemann, R. 1999. Excavations at Qarqur 1993-99. *Annual American Schools of Oriental Research*, 56.



- Klengel, H. 1992. *Syria, 3000-300 BC*. Berlin. Chapter 4.2-4.3 (pp. 187-219) DBD 100 KLE
- Lipinski, E. 2000. *The Aramaeans*. Leuven: Peeters. DBE 100 LIP
- Maqdissi, M. et al. 2002. *Excavating Qatna - Volume I*. Damascus. (Iron Age excavations)
- Stone, E. & Zimansky, P. 1999. *The Iron Age Settlement at Ain Dara*. Oxford. DBD 10 Qto STO
- Ward, W. & Joukowsky, M. (eds) 1996. *The Crisis Years*. Dubuque. (Sader, McClellan, or Caubet) ISSUE DESK WAR1 ; ANC. HIST. B6 WAR

## **Urartu and Phrygia**

- Kealhofer, L. (ed) 2005. *The archaeology of Midas and the Phrygians: recent work at Gordion*. University of Pennsylvania Museum of Archaeology and Anthropology. DBC 10 KEA
- Mellaart, J. and Murray, A. 1995. *Beycesultan Vol.3 Part 2, Late Bronze Age and Phrygian pottery and middle and late Bronze Age small objects*. London : British Institute of Archaeology at Ankara.
- Rose, C.B. and Darbyshire, G. (eds) 2012. *The new chronology of Iron Age Gordion*. Philadelphia: University of Pennsylvania Museum of Archaeology and Anthropology. DBC 100 Qto ROS
- Voigt, M. M. 1995. Gordion; the rise and fall of an Iron Age capital. In D. C. Hopkins (Ed.), *Across the Anatolian Plateau: 187-196*. Boston: American Schools of Oriental Research.
- Zimansky, P. 1985. *Ecology and empire : the structure of the Urartian State*. Chicago: Oriental Institute. DAK 161 ZIM

## **Alphabetical Writing & its Spread**

- Cross, F. 1980. Old Canaanite and early Phoenician scripts. Bulletin American Schools Oriental Research, 238(0):1-20.
- Cross, F.M. 1985. Origins of the alphabet. In Ebla to Damascus (ed. H. Weiss). Washington, D.C.: Smithsonian, pp. 271-278. DBD 300 WEI
- Hooker, J.T., 1990. Reading the Past, New York: Barnes and Noble. ISSUE DESK IOA HOO 2; GC HOO; SENATE HOUSE PALAEOGRAPHY 4<sup>th</sup> Floor CC25.1 [Hooker];
- Isserlin, B. 1982. The earliest alphabetic writing. In The Cambridge Ancient History (Second Edition), Vol. III Part 1 (ed. J. Boardman et al). Cambridge. pp. 794-818. DBA 100 CAM Reference
- Millard, A. R. 1986. The infancy of the alphabet. World Archaeology, 17(3): 390-398.
- Naveh, Y. 1987. Early History of the Alphabet. Jerusalem: Magness Press. COMPARATIVE PHILOLOGY E2 NAV; HEBREW P25 NAV

**Session 11:** 20 March 2024

Session Lecturer: MA

## **The Age of Universalism and Universal Empires**

*Summary:* Sometimes the period after the Iron Age is called the Axial Age. Whatever one considers it, we see a pattern of large states and empires now becoming the norm. Hellenistic influences develop, cultures in the Near East increasingly interact with distant empires and



cultures, even interacting with Britain to the West and China to the East at one point. Universal cultural traits emerge, whereby common themes in language, religion, art, and other areas emerge. We explore this and other related topics.

## **General and Post-Assyrian and Babylonian Periods**

Altaweel, Mark, and Andrea Squitieri. 2018. *Revolutionizing a World: From Small States to Universalism in the Pre-Islamic Near East*. London: UCL Press. (Chapters 6-11).

<https://www.jstor.org/stable/j.ctt21c4td4>

Curtis, J.E. 2004. The Assyrian heartland in the period 612-539 BC. In G.B. Lianfranchi, R. Rollinger and M.D. Roaf (Eds.), *Continuity of Empire: Assyria, Media, Persia*. Proceedings of a conference at Padua 26th – 28th April 2001. Padua. Pp. 95-109.

Curtis, J. 1992. Recent British Museum excavations in Assyria. *Journal of the Royal Asiatic Society of Great Britain and Iran* 2(2):147-165.

Curtis, J. and Green, A. 1997. *Excavations at Khirbet Khatuniyeh*. London: British Museum Press. INST ARCH DBB 10 CUR

Curtis, J. 1989. *Excavations at Qasrij Cliff and Khirbet Qasrij*. London: British Museum. INST ARCH DBB 10 CUR

Dalley, S., 1993. Nimrud after 612. *Altorientalische Forschungen* 20:134-147.

\*Faust, A. 2003, Judah in the Sixth Century BCE: A Rural Perspective. *Palestine Exploration Quarterly* 135:37-53.

Fernández-Götz, Manuel, and Dirk Krausse, eds. 2017. *Eurasia at the Dawn of History: Urbanization and Social Change*. New York NY: Cambridge University Press. See Chapter 13.

Kealhofer, L. 2005. *The Archaeology of Midas and the Phrygians : Recent Work at Gordion*. Philadelphia: University of Pennsylvania Museum.

Khurt, A. The Assyrian heartland in the Achaemenid period. In: P. Briat (ed.), *Dans les pas des Dix-Mille*. Pallas. Press Universitaires du Mirail. Pp. 239-254.

Kreppner, F.J. 2008. The collapse of the Assyrian empire and the continuity of ceramic culture: The case of the red house at Tall Sheikh Hamad. *Ancient Near Eastern Studies* 45:147-165.

Lehmann, G. 1998. Trends in the local pottery development of the late Iron Age and Persian Period in Syria and Lebanon, ca. 700-300 B.C. *Bulletin of the American Schools of Oriental Research* 311:7-37.

Llyod, S. 1954. Post-Assyrian pottery and small objects found by the Anglo Turkish joint expedition in 1952. *Anatolian Studies* 4:101-110.



Miglus, P. 1996. *Das wohnstadtgebiet von Assur*. WVDOG 93. Berlin. INST ARCH DBB 10 Qto Series ASS

\*Palermo, R., de Jong, L., & Ur, J. A. (2022). Hellenistic Landscapes and Seleucid Control in Mesopotamia: The View from the Erbil Plain in Northern Iraq. *American Journal of Archaeology*, 126(3), 425–442. <https://doi.org/10.1086/719754>

Zorn, J.R. 2006. Tell en-Nasbeh and the problem of the material culture of the sixth century. Pp. 413-450. In O. Lipschitz, J. Blenkinsopp (eds.), *Judah and the Judeans in the Neo-Babylonian Period*. Pp. 413-450. Eisenbrauns. ANCIENT HISTORY JH 6 LIP

### **Achaemenid and Hellenistic Periods**

Al-Talhi, D. 2000. *Mada'in Salih, a Nabataen Town in Northwest Arabia: Analysis and Interpretation of the Excavation 1986-1990*. University of Southampton Doctoral Thesis. Southampton.

Colledge M.A.R. 1976. *The Art of Palmyra*. London: Thames and Hudson. ANCIENT HISTORY H 52 COL

Curtis, J. and Simpson, S.J. (E.d.). 2010. *The World of Achaemenid Persia: History, Art and Society in Iran and the Ancient Near East*. London: I.B. Tauris & Co. Ltd. INST ARCH DBG 100 CUR

Gullini, G. and Invernizzi, A. 1966. First preliminary report of excavations at Seleucia and Ctesiphon. Season 1964. *Mesopotamia* 1:1-88.

Gullini, G. and Invernizzi, A. 1967. Second Preliminary Report of Excavations at Seleucia and Ctesiphon. Season 1965. *Mesopotamia* 2: 1-133.

Gullini, G. and Invernizzi, A. 1968-69. Third Preliminary Report of Excavations at Seleucia and Ctesiphon. Season 1966. *Mesopotamia* 3-4.

Gullini, G. and Invernizzi, A. 1970-71. Fifth Preliminary Report of Excavations at Seleucia and Ctesiphon. Season 1969. *Mesopotamia* 5-6.

Gullini, G. and Invernizzi, A. 1977. Seventh preliminary report of excavations at Seleucia and Ctesiphon. Seasons 1975/76. *Mesopotamia* 7.

Hannestad, L. 1983. *Failaka/Ikaros: The Hellenistic Settlements*. Volume 2. The Hellenistic Pottery. Aarhus University Press.

Ivantchick A. H. 2012. *Achaemenid culture and local traditions in Anatolia, Southern Caucasus and Iran: New Discoveries*. Brill. INST ARCH DBG 100 IVA

Jeppesen, K. 1990. *Failaka/Ikaros: The Hellenistic Settlements Volume 3*. The Sacred Enclosure in the Early Hellenistic Period. Aarhus University Press.



Mallowan, M.E.L. 1966. *Nimrud and its Remains*, 2 vols. London. INST ARCH DBB 10 Qto MAL

Mathiesen, H.E. 1982. *Failaka/Ikaros: The Hellenistic Settlements*. Volume 1. Moesgaard.

Oates, D. and Oates, J. 1958. Nimrud 1957: The Hellenistic settlement. *Iraq* 20(2):1114-157.

Reade, J.E., 1986. A hoard of silver currency from Achaemenid Babylonia. *Iran* 24: 79- 89.

Roosevelt, C.H. 2009. *The Archaeology of Lydia, from Gyges to Alexander*. Cambridge: Cambridge University Press. INST ARCH DBC 100 ROO

Schmidt J. 1998. Tempel und Heiligtümer in Südarabien. Zu den materiellen und formalen Strukturen der Sakralbaukunst, *Nürnberger Blätter zur Archäologie* 14 (1997/98):10–40.

Sheftel, P. 1983. The Ivory, Bone and Shell Objects from Gordion from the campaigns of 1950 through 1973. Ph.D. thesis, University of Pennsylvania.

Simpson, Elizabeth, 2010-: The Gordion wooden objects : the furniture from Tumulus MM

\* Squitieri, Andrea, and Mark Altaweel. 2022. “Empires and the Acceleration of Wealth Inequality in the Pre-Islamic Near East: An Archaeological Approach.” *Archaeological and Anthropological Sciences* 14, no. 10 (October 2022): 190. <https://doi.org/10.1007/s12520-022-01659-3>.

Stronach, D. 1978. *Pasargadae: A Report on the Excavations Conducted by the British Institute of Persian Studies from 1961–63*. Oxford: Oxford University Press. STORE FOLIOS 2960

Stronach, D. 1965. Excavations at Pasargadae: Third preliminary report. *Iran* 3:9-40.

Stronach, D. 1964. Excavations at Pasargadae: Second preliminary report. *Iran* 2:21-39.

Stronach, D. 1963. Excavations at Pasargadae: First preliminary report. *Iran* 1:19-42.

Summers, G.D. 1993. Archaeological evidence for the Achaemenid period in eastern Turkey. *Anatolian Studies* 43:85-108.

Thonemann, P. *The Hellenistic World: Using Coins as Sources*; Guides to the coinage of the ancient world; Cambridge University Press: Cambridge, 2015; ISBN 978-1-107-08696-8.

Wetzel, F. et al. 1957 (1998 reprint). *Das Babylon der Spätzeit*, WVDOG 62. Mann. ANCIENT HISTORY FOLIOS B 3 DOG

Yule, P. 2005. The Samad culture-echoes. *Proceedings of the Seminar for Arabian Studies* 35:303-315.

## **Parthian and Sasanian Periods**





al-Salihi, Wathiq. 2021. "HATRA: THREE NOTES, HISTORICAL, ICONOGRAPHICAL, AND RELIGIOUS." *Iraq* 83: 3–12.

<https://www.cambridge.org/core/journals/iraq/article/hatra-three-notes-historical-iconographical-and-religious/CCADEEF5E7BD1142E579D066CC18E0AA>

Brody L., Hoffmann G. (eds) 2011. *Dura-Europos : crossroads of antiquity*, Chicago. YATES E 82 DUR

Brown, M., Raheem, K. R., & Abdullah, H. H. 2022. Rabana-Merquly: A fortress in the kingdom of Adiabene in the Zagros Mountains. *Antiquity*, 96(388), 920–936. <https://doi.org/10.15184/aqy.2022.74>.

Casana J, Goodman DD, Ferwerda C. 2023. A wall or a road? A remote sensing-based investigation of fortifications on Rome's eastern frontier. *Antiquity*. 2023;97(396):1516-1533. doi:10.15184/aqy.2023.153.

Curtis, J. (ed) 2000, *Mesopotamia and Iran in the Parthian and Sasanian Periods: Rejection and Revival c. 238 BC–AD 642*. INST ARCH DBA 100 CUR

Curtis V. S. et al. 1996, *The art and archaeology of ancient Persia : new light on the Parthian and Sasanian empires*, London. INST ARCH DBG 100 CUR

Habibi, H., & Mohammadifar, Y. (2020). Landscape Archaeology of Abdanan in the Sasanian Period. In K.-A. Niknami & A. Hozhabri (Eds.), *Archaeology of Iran in the Historical Period* (pp. 329–355). Cham: Springer International Publishing. [https://doi.org/10.1007/978-3-030-41776-5\\_26](https://doi.org/10.1007/978-3-030-41776-5_26).

Harper P. 2006 *In Search of a cultural Identity: Monuments and Artifacts of the Sasanian Near East, 3<sup>rd</sup> to 7<sup>th</sup> century AD*, New York. INST ARCH DBG 100 HAR

Hopkins C, Goldman B. 1979, *The discovery of Dura Europos*, New Haven. INST ARCH DBD 10 HOP

Invernizi, A. 1998. New archaeological research in Old Nisa, 1990-1991. In: V. Sarkhosh Curtis, R. Hillenbrand, J.M. Rogers (Eds.), *The Art and Archaeology of Ancient Persia. New Light on the Parthian and Sasanian Empire*. London-New York . Pp. 8-13. INST ARCH DBG 100 CUR

Invernizi, A. 1998. Parthian Nisa. New lines of research. In: J. Wiesehöfer (Ed.), *Das Partherreich und seine Zeugnisse*, Beiträge des internationalen Colloquiums - Eutin, 1996, (Historia Einzelschriften, 122), Stuttgart, 45-59. ANCIENT HISTORY F 16 WIE

Invernizi, A. 2004. Thoughts on Parthian Nisa. *Parthica* 6:133-143. SOAS MAIN LIBRARY Lee Per 107 /849130

Invernizi, A. 2007. The culture of Nisa, between steppe and empire. In J. Cribb and G. Herrmann (eds.), *After Alexander: Central Asia before Islam. Themes in the history and*



UCL

*archaeology of Western Central Asia*, British Academy Conference, June 23-25, 2004  
(London: Oxford University Press, 2007), 163-177. INST ARCH DBK CRI

Potts, D. 2010 Mesopotamia, Iran and Arabia from the Seleucids to the Sasanians,  
INST ARCH DBA 100 POT

Shinji F. 1960 The Artifacts of Hatra and Parthian Art. *East and West* 11: 135-181

Walker J. 2007. Iran and Its Neighbors in Late Antiquity: Art of the Sasanian Empire (224-642 C.E.). *American Journal of Archaeology* 111: 795-801