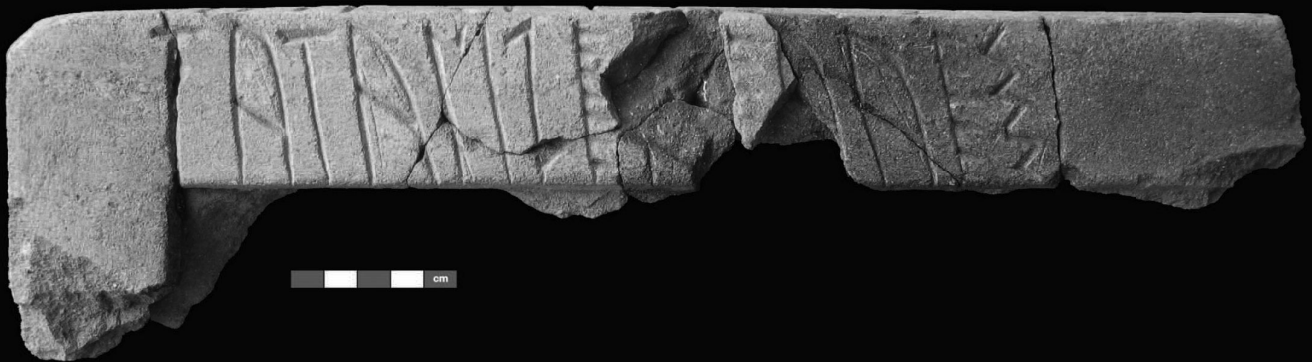


From Midas to Cyrus and Other Stories

Papers on Iron Age Anatolia in Honour of
Geoffrey and Françoise Summers



Edited by

**Catherine M. Draycott, Scott Branting,
Joseph W. Lehner & Yasemin Özarlan**



One of the
British International
Research Institutes

From Midas to Cyrus and Other Stories

**Papers on Iron Age Anatolia in Honour of
Geoffrey and Françoise Summers**

Edited by

**Catherine M. Draycott, Scott Branting,
Joseph W. Lehner & Yasemin Özarslan**

British Institute at Ankara
Monograph 57
2023

Published by
British Institute at Ankara
10 Carlton House Terrace, London SW1Y 5AH
www.biaa.ac.uk

ISBN 978-1-912090-11-2 (eBook)
ISBN 978-1-912090-12-9 (hard cover PoD)
ISSN 0969 9007

© British Institute at Ankara 2023

All rights reserved. No parts of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the British Institute at Ankara.

Published with the assistance of financial contributions from
The British Institute at Ankara
and
Durham University Department of Archaeology

Series editor: Catherine M. Draycott
Typeset by Janine Su
Indices by Malcolm C. Nicholson
Distributed by Casemate UK Ltd.
Print copies by PrintForce

Contents

List of figures	v
Preface	ix
Türkçe özet	xi
1. Filling in the gaps and joining up the dots of the seventh century BC in Anatolia and beyond: an introduction <i>Catherine M. Draycott</i>	1
2. Bibliography of Geoffrey and Françoise Summers <i>Compiled by Joseph W. Lehner</i>	13
In the Halys Bend	
3. Exploration of the metropolis at Kerkenes Dağı <i>Scott Branting, Joseph W. Lehner, Dominique Langis-Barsetti, Tuna Kalaycı, Nilüfer Baturayoğlu Yöney, Yasemin Özarlan, Noël Siver, Nurdan Atalan Çayirezmez and Ben Claasz Coockson</i>	19
4. The Late Iron Age at Boğazköy <i>Jürgen Seeher and Hermann Genz</i>	37
Gordion and Phrygia	
5. Domestic architecture at Middle Phrygian Gordion <i>Kim C. Codella and Mary M. Voigt</i>	55
6. Gordion and Phrygia in the seventh century BC <i>G. Kenneth Sams</i>	79
West and East	
7. Troy, the Troad and the Hellespont, 700–550 BC <i>Carolyn C. Aslan</i>	95
8. Vanishing kingdoms: Tabal and Tuwana during the seventh century BC <i>Sanna Aro</i>	113
9. After the Assyrians, before the Persians: Kinet Höyük and its Cilician context <i>Marie-Henriette Gates and Charles Gates</i>	137
Broader Cultural Practices	
10. Epiphany of the Mother Goddess. A renewed examination of the Phrygian rock-cut façades <i>Susanne Berndt</i>	155
11. Multiple drills on skulls: trepanation with boring-and-cutting in eastern Anatolia during the Iron Age <i>Yılmaz Selim Erdal</i>	175

Chronological Interventions

12. Dendrochronological investigations at Kerkenes and beyond *Peter Ian Kuniholm, Charlotte L. Pearson and Tomasz J Ważny* 185
13. The dating of the Tabalian inscriptions: archaic or archaising? *J. David Hawkins and Mark Weeden* 195

Traditions of Invaders

14. The phantom menace? The chronology of Cimmerian expeditions, territories and zones of influence in Anatolia *Selim Ferruh Adalı* 209
15. The Medes in Anatolia: a return visit *Christopher J. Tuplin* 229

Mentors' Meditations

16. Urartu in its later age and its external relations *Charles Burney* 239
17. The adventure of the Lydian Hoard *Oscar White Muscarella* 253
18. Epilogue: Reflections and questions on ethno-cultures, polities and dynamics in Anatolia between Midas and Cyrus *Catherine M. Draycott* 261
- Indices 265

List of figures

Chapter 1

- 1.1. Google Earth image showing the disposition of the walls of the site in relation to the Kerkenes Mountain and its immediate environs.
- 1.2. Reconstructed plan of the urban layout of Kerkenes, showing the full urban development within the walls.
- 1.3. Reconstructed ground plan of an excavated megaron building in the lower city.
- 1.4. Map showing the spread of inscriptions in Phrygian script and language.

Chapter 3

- 3.1. Map of Kerkenes and referenced places within Türkiye.
- 3.2. Plan of the city at Kerkenes on an early QuickBird satellite image with referenced areas of the site and immediate region
- 3.3. Hot air balloon photograph of the northeastern portion of Kerkenes from 1993 showing the contrast between the surface remains of the dense urban fabric inside the city and the emptiness of the high ridge outside the line of the collapsed city wall.
- 3.4. BIAA blimp on its way up to Kerkenes in 1993 guided by Geoffrey, Natalie and Pamela Summers.
- 3.5. The northeastern stretch of the ruined remains of the city wall from the Karabaş Gate looking towards the Northeast Gate.
- 3.6. The area of the Cappadocia Gate as seen before excavation, from a blimp photograph in 1993, and after eight seasons of excavation, from a drone photograph in 2018.
- 3.7. David Stronach, Françoise Summers and Catherine Draycott mapping the results of excavations in the Palatial Complex.
- 3.8. Françoise Summers supervising the recording of the stone glacis in the front of the Palatial Complex in 2000 using the new photo rectification methodology.
- 3.9. Ivory plaque discovered within Urban Block 8 in the northern area of the city during test excavations in 1996. The plaque is on display in the Museum of Anatolian Civilizations in Ankara.
- 3.10. The main portion of the Phrygian inscription from the monumental entranceway to the Palatial Complex.

Chapter 4

- 4.1. General plan of the Hittite capital Hattuşa.
- 4.2. General plan with Late Iron Age structures and other locations mentioned in the text.
- 4.3. Late Iron Age fortification and settlement on Büyükkale.
- 4.4. Late Iron Age gates of Büyükkale and the Südberg.
- 4.5. Finds from Büyükkale in southeastern gate.
- 4.6. Late Iron Age settlement at Nişantepe and Südberg fortification.
- 4.7. Late Iron Age pottery from the Northwest Slope.
- 4.8. Painted crater with a warrior frieze.
- 4.9. Lydian fibulae from Boğazköy.
- 4.10. Socketed bronze arrowheads from the Northwest Slope.
- 4.11. Seal from the Northwestern Slope.

Chapter 5

- 5.1. Central Gordion during the Middle Phrygian period/YHSS 5, ca 800–540 BC.
- 5.2. Map of the modern central mound or Yassihöyük showing all excavated areas discussed in this chapter.
- 5.3. Middle Phrygian/YHSS 5 structures in the Main Excavation Area, showing the location of Building I:2, the I:2 Cellar and South Cellar.
- 5.4. Photograph of excavations of the Building I:2 Cellar.
- 5.5. Upper Trench Sounding Operation 2, showing two construction phases of the Building I:2 Cellar, and its relationship to Building I:2.

- 5.6. Upper Trench Sounding Operations 1 and 2, showing modifications to the Middle Phrygian structures during YHSS 5B.
- 5.7. Plan of the South Cellar, located to the northwest of Building O in the Main Excavation Area on the Eastern Mound.
- 5.8. Photograph of 5B.2 Unit 3 in the NWZ. The rubble at left is what remained of 5C Unit 1 (Gordion Archives, Penn Museum).
- 5.9. Northwest Zone Operation 29, in the Deep Sounding.
- 5.10. Northwest Zone, Operation 29 and 36 in the Deep Sounding, with a well-preserved YHSS 5A.2 house (Units 6–9) and outbuildings (Units 10–11).
- 5.11. Photograph of Operation 36 in the Northwest Zone Deep Sounding during excavation.
- 5.12. Northwest Zone Deep Sounding Operation 29 and 36.
- 5.13. Plan of relatively well-preserved YHSS 5B structures in the Southwest Zone (SWZ), excavated in 1950.
- 5.14. YHSS 5A structures in the Southern Lower Town (SLT) Area B that were abandoned during the Persian siege of the Küçük Höyük fortress ca 540 BC.
- 5.15. Photograph of excavation of the YHSS 5A large house in Area B of the Southern Lower Town (SLT) from East.

Chapter 6

- 6.1. Gordion, Middle Phrygian citadel, ca 800–540s BC.
- 6.2. Gordion, Northeast Ridge with tumuli and buildings of the village of Yassıhöyük as of 1950.
- 6.3. Jugs and associated fragments. South Cellar.
- 6.4. Fragmentary jugs. Railroad cut to northeast of Rensch ET-N2.
- 6.5. Fragmentary side-spouted sieve jug and painted ceramic objects. Fill directly over PPB floor.
- 6.6. Black-polished spout fragment. Mantle of Tumulus E.
- 6.7. Fragmentary krater. Disturbed surface soil near Tumulus H.
- 6.8. Side-spouted sieve jug. Mantle of Tumulus K.
- 6.9. Bichrome lizard dinos. West Slope Deposit.
- 6.10. (a) Relief of Matar with bull. Mantle of Tumulus C. (b) Relief of Matar. Discovered in the Sakarya riverbed.

Chapter 7

- 7.1. Map of sites in the Troad and Gallipoli peninsula.
- 7.2. Plan of Troy in the Protogeometric to Archaic periods.
- 7.3. Troy, West Sanctuary, Geometric Cult building phase 1.
- 7.4. Troy, West Sanctuary, Geometric Cult building phase 2.
- 7.5. Troy, West Sanctuary, 750–650 BC.
- 7.6. Troy, Grey ware sherds, Late Geometric–early Archaic period.
- 7.7. Troy, G2/3 ware, kantharoi rims, sector K4/5.
- 7.8. Troy, bird kotyle fragment, sector D9.
- 7.9. Troy, West Sanctuary 625–550 BC.

Chapter 8

- 8.1. Map of places referenced in the text.
- 8.2. Plan of Göllüdağ.
- 8.3. Double portal lion sculpture, Göllüdağ, Kayseri Archaeological Museum.
- 8.4. Single lion sculpture, Göllüdağ, Niğde Archaeological Museum.
- 8.5. (a) Small lion/feline relief, Kerkenes Dağ, Yozgat Archaeological Museum. (b) Etimesgut orthostate with lion relief. Ankara Museum of Anatolian Civilizations.
- 8.6. Fragmented lion sculpture, Göllüdağ, in situ in 1998.
- 8.7. Fragmented lion sculpture, Göllüdağ, present location not known.
- 8.8. Fragmented lion sculpture, Göllüdağ, Kayseri Archaeological Museum.
- 8.9. Column base with lions, with head detail, Göllüdağ, Kayseri Archaeological Museum.
- 8.10. Column base with lions, Göllüdağ, in situ in 1998.
- 8.11. Two sphinx sculptures and a fragmented lion head, Göllüdağ, Niğde Archaeological Museum.
- 8.12. NİĞDE 2, Niğde Archaeological Museum.
- 8.13. İVRİZ 2, Ereğli Archaeological Museum.

List of figures

- 8.14. İVRİZ 1.
- 8.15. KULULU 3, EGO-sign, Kayseri Archaeological Museum.
- 8.16. Fragmented statue head, İvriz, Ereğli Archaeological Museum.
- 8.17. Stele from Tavşantepe, Niğde Archaeological Museum.
- 8.18. Plan of Kululu.

Chapter 9

- 9.1. Map of Cilicia and the northeastern Mediterranean, with places mentioned in the text.
- 9.2. Selected Neo-Assyrian finds from Kinet Period 8, late eighth century BC.
- 9.3. Topographical plan of Kinet Höyük.
- 9.4. Plan of West Slope Area E/H, Kinet Late Iron Age Period 7.
- 9.5. Plan of East Slope Area A/D, Kinet Late Iron Age Period 7.
- 9.6. Selected finds from Kinet Periods 7 and 6.
- 9.7. Late Iron Age eastern Mediterranean vessel triad, Kinet Periods 7 and 6.
- 9.8. Selected Period 6 Aegeanizing and regional table wares.
- 9.9. Plan of West Slope Area E/H, Kinet Late Iron Age Period 6.
- 9.10. Plan of East Slope Area A/D, Kinet Late Iron Age Period 6.

Chapter 10

- 10.1. Map showing location of Phrygian Highlands and monuments discussed in text.
- 10.2. Elevation of the Midas Monument at Midas City.
- 10.3. Rock-cut façade Arslankaya.
- 10.4. Plan, elevation and section of Arslankaya.
- 10.5. Drawings on architectural blocks from Gordion.
- 10.6. Değirmen Yeri, plan of chamber and elevation of part of the back wall, with dotted lines connecting the carved façade between plan and elevation.
- 10.7. Section through Değirmen Yeri.
- 10.8. The rock-cut monument Bakşeyiş.
- 10.9. Drawings of the façade, plan and sections through the Bakşeyiş Monument.
- 10.10. The Delikli Taş Monument.
- 10.11. Elevation and section drawings of the Delikli Taş façade.
- 10.12. Photos of the Mal Taş Monument.
- 10.13. Section and plan drawings of the Mal Taş Monument.
- 10.14. The shaft monument at Fındık.
- 10.15. Drawings of sections and plans of the Fındık shaft monument.
- 10.16. Megaron 2 at Gordion, displaying the view through the doorway towards the rectangular area along the back wall.
- 10.17. Plan of the Cappadocia Gate chamber at Kerkenes Dağı, showing positions of statue on griffin base and aniconic idol on step base.

Chapter 11

- 11.1. Drilling, boring, scraping and cutting used in trepanation.
- 11.2. Map of places referenced in text.
- 11.3. Cases of boring-and-cutting trepanation in Anatolia.

Chapter 12

- 12.1. Excavating the debris next to the column base in search of charcoal.
- 12.2. Photograph of the northern column base within the entrance to the Palace Complex at Kerkenes.
- 12.3. Plan of the location of dendrochronological samples within the entrance to the Palace Complex at Kerkenes.
- 12.4. Bar-graph of 26 chronologies.
- 12.5. KER-9ABCD plotted against ANKPINE t -score, n (or overlap) = 197 years, r (or correlation coefficient) = 0.32, trend-coefficient = 66.3%.
- 12.6. Crossdating results for some of the longer data sets ($n = >170$ years) in this exercise.

Chapter 13

- 13.1. Map with places mentioned: Karadağ, Kızıldağ, HATİP, Ikkuwaniya, YALBURT, EMİRGAZİ, BURUNKAYA, TOPADA, KARATEPE.
- 13.2. The seated figure with the inscription KIZILDAĞ 1.
- 13.3. Close-up of alleged but false case of ‘initial *a*-final’ in TOPADA line 5, with provisional sketch pending further collation.
- 13.4. KIZILDAĞ 4 – the sign RELx?

Chapter 14

- 14.1. Map of approximate locations of various polities.

Chapter 15

- 15.1. Map of approximate locations of various polities.

Chapter 16

- 16.1. Map showing Urartian sites.
- 16.2. Line drawing reconstruction of the Adilcevaz relief showing a figure identified as the god Shivini on a bull.
- 16.3. Drawing of the inscribed relief from Kefkalesi, showing the god Haldi on a lion.
- 16.4. Drawing of the winged beasts decorating an alabaster podium at the Temple at Ayanis.
- 16.5. Line drawing reconstruction of the bronze decorated helmet from Ayanis.
- 16.6. Line drawing reconstruction of the bronze decorated shield from Ayanis, showing concentric rings of lions and bulls.
- 16.7. Line drawing of the lion-head boss from the centre of the bronze decorated shield from Ayanis.

Preface

Catherine M. Draycott

This book has been a long time in the making. It was first dreamt of in 2012, when I was lucky enough to have a fellowship at the Research Center for Anatolian Civilizations (ANAMED) of Koç University, in Istanbul, together with Geoff. I had met him first nine years previously, when I had rolled up as a mature-but-green first-year PhD student volunteer at Kerkenes. It was in that year, 2003, that excavations at the monumental entrance to the ‘Palace Complex’ at the site came down on not only inscriptions in Phrygian, but sculpture, changing the cultural history of the ‘Halys Bend’ in later Iron Age Türkiye. I was fortunate that Geoff, and Françoise, are passionate teachers and keen to help early-career scholars, and that he asked me to co-author a publication on these marvellous finds.

Almost all of the contributors to this volume I met through Geoff and Françoise, either at Kerkenes, during visits, such as when Peter Kuniholm’s team came through on a yearly basis to take dendrochronological samples, or outside, in Ankara or at the joyful Anatolian Iron Ages 6 conference held in Eskişehir in 2004. Some, such as Carolyn Aslan and co-editors Yasemin Özarslan, and Seppi Lehner as a guest speaker, participated in an Iron Ages seminar that Geoff established during our time at the RCAC/ANAMED. This kind of spontaneous social sharing of research is a precious gift of Geoff and Françoise; as those who worked and lived close to them in Ankara know, they often hosted informal ‘symposia’ with liberal food, of the eating and of the thinking variety. It is no exaggeration to say that they have shaped a generation of scholars.

For this, representatives of that generation came together to deliver to Geoff and Françoise this book on a topic dear to them both – especially Geoff of course – bringing in students, friends, colleagues and mentors to provide expert essays. Proper plans for the book were put in place in 2015–17, but work has been ongoing, and as is the way of edited volumes, participants have exercised their patience to the utmost. To all the writers and my co-editors, Scott, Seppi and Yasemin, I owe a debt of deep thanks. It has been a great pleasure to read their work and

learn more about a topic in which Geoff and Françoise have such a great legacy. Other friends and colleagues have contributed permissions for illustrations, photographs and advice: Altan Çilingiroğlu, Ben Claasz Cooxson, Brian Rose, Ali Çifçi, thank you. Thanks are also due to the editorial staff of the BIAA, in particular Tamar Hodos, and to the people and officials of Yozgat, Sorgun and Şahmuratlı. We honour authors in this book and friends who have passed away, in particular Oscar Muscarella, very dear to the Summers family, and most recently David Hawkins. There are many others that are not represented in the pages of this book, but who are important characters in the story of the Summers’ lives. They will, I am sure, join us in thanking Geoff and Françoise for their legacy, and for bringing so much into our lives.

C.M. Draycott, Durham 2023

Maps in this volume by Yasemin Özarslan were created using ArcGIS® software by Esri. ArcGIS® and ArcMap™ is the intellectual property of Esri, and are used herein under license (10.6.1). Copyright © Esri. All rights reserved. For more information about Esri® software, please visit www.esri.com.

Basemaps were created using the following satellite data:

ASTER

NASA/METI/AIST/Japan Spacesystems and U.S./Japan ASTER Science Team. ASTER DEM Product. 2001, distributed by NASA EOSDIS Land Processes DAAC, <https://doi.org/10.5067/ASTER/AST14DEM.003>

SRTM

NASA JPL. NASA Shuttle Radar Topography Mission Combined Image Data Set. 2014, distributed by NASA EOSDIS Land Processes DAAC, <https://doi.org/10.5067/MEaSURES/SRTM/SRTMIMG.003>