

# Temple University Aegean Symposium

## A Compendium





# Temple University Aegean Symposium

## A Compendium

*edited by*

Philip P. Betancourt



Published by  
INSTAP Academic Press  
Philadelphia, Pennsylvania  
2015

**Design and Production**  
INSTAP Academic Press, Philadelphia, PA

Library of Congress Cataloging-in-Publication Data

Temple University Aegean Symposium, author, organizer.

[Papers]

Temple University Aegean Symposium : a compendium / edited by Philip P.

Betancourt.

pages cm

Includes bibliographical references.

ISBN 978-1-931534-82-6 (hardcover : alk. paper)

1. Art, Ancient—Aegean Islands (Greece and Turkey)—Congresses. 2. Civilization, Aegean—Congresses. 3. Aegean Islands (Greece and Turkey)—Antiquities—Congresses.

I. Betancourt, Philip P., 1936— editor. II. Title.

N5475.T46 2015

2015027570

The Temple University Aegean Symposium was an annual event from 1976 until 1985 sponsored by the Department of Art History at Temple University in Philadelphia, PA. Each year, the symposium focused on a specific theme in Aegean Bronze Age art and archaeology. This book is a collection of the 10 volumes of articles that were published. Aside from incorporating errata and reducing Rutter's two figures in volume 10, the articles are unchanged from the original publications. A new preface and page numbering system are included in this compendium.

Copyright © 2015  
INSTAP Academic Press  
Philadelphia, Pennsylvania  
All rights reserved  
Printed in the United States of America



## Table of Contents

Preface, <i>by Philip P. Betancourt</i> .....	xi
VOLUME 1 (1976): AEGEAN ART AND ARCHAEOLOGY IN THE LATE BRONZE AGE	
The Possible Role of Tomb Robbers and Viziers of the Eighteenth Dynasty in Confusing Minoan Chronology, <i>by Leon Pomerance</i> .....	3
Metal Inlaying in Minoan and Mycenaean Art, <i>by Ellen N. Davis</i> .....	5
Radiocarbon Dates from Akrotiri on Thera, <i>by Henry N. Michael</i> .....	9
The Ox-hide Ingots and the Development of Copper Metallurgy in the Late Bronze Age, <i>by James D. Muhly</i> .....	13
Economic Implications of the Reed Painter's Vases, <i>by Philip P. Betancourt</i> .....	19
Some Faience, Blue Frit, and Glass from Fifteenth Century Knossos, <i>by Gerald Cadogan</i> .....	23
On Theoretical Principles in Aegean Bronze Age Mural Restoration, <i>by M.A.S. Cameron</i> .....	25
VOLUME 2 (1977): THE AEGEAN BRONZE AGE: AN INTERDISCIPLINARY APPROACH	
SITE SURVEY	
Aegean Settlements and Transhumance, <i>by L. Vance Watrous</i> .....	49

<i>ARCHAEOLOGICAL EXCAVATION</i>	
Some Unpublished Mycenaean Pottery from Sarepta, by <i>Robert Koehl</i> .....	55
<i>PHYSICAL ANTHROPOLOGY</i>	
The People of Kato Zakro, by <i>M.J. Becker</i> .....	61
<i>PHILOLOGY</i>	
<u>DA</u> and <u>TA</u> as Premisses for Rational Arguments, by <i>Emmett L. Bennett, Jr.</i> .....	65
<i>ART HISTORY</i>	
Perspective and the Third Dimension in Theran Painting, by <i>Philip P. Betancourt</i> .....	69
<i>METALLURGY</i>	
The Ancient Tin Trade in the Eastern Mediterranean and Near East, by <i>Tamara S. Wheeler</i> .....	73
<i>RADIOCARBON DATING</i>	
New Radiocarbon Dates from Akrotiri, Thera, by <i>H.N. Michael and G.A. Weinstein</i> .....	77
<i>HISTORICAL INTERPRETATION</i>	
Aegean Leisure, by <i>Claireve Grandjouan</i> .....	81
VOLUME 3 (1978): STUDIES OF NEW AND LITTLE KNOWN MATERIAL FROM THE AEGEAN BRONZE AGE	
The Mount Holyoke Collection of Minoan Pottery, by <i>Karen Polinger Foster</i> .....	87
The LM IB Painted Pottery of Eastern Crete, by <i>Jean Silverman</i> .....	117
Obsidian from Crete: Problems in Lithic Analysis, by <i>Nicholas Hartmann</i> .....	123
Thoughts on Prehistoric Potters and Ceramic Change, by <i>Karen D. Vitelli</i> .....	131
A Bronze Pivot Shoe from the Residential Building of Gla, by <i>Sp. Iakovides</i> .....	135
Excavations at Kommos (1977), by <i>Joseph W. Shaw</i> .....	141
A Plea for the Abandonment of the Term “Submycenaean”, by <i>Jeremy B. Rutter</i> .....	147
VOLUME 4 (1979): GOURNIA, CRETE. THE 75TH ANNIVERSARY OF THE EXCAVATIONS	
Introduction, by <i>Philip P. Betancourt</i> .....	157
Excavating at Gournia, by <i>Jean Silverman</i> .....	159
The Pottery Chronology: A Brief Sketch, by <i>Philip P. Betancourt</i> .....	165
Towards a Reconstruction of the Palace at Gournia, by <i>Jeffrey S. Soles</i> .....	169
The Master of the Gournia Octopus Stirrup Jar and a Late Minoan IA Pottery Workshop at Gournia Exporting to Thera, by <i>Wolf-Dietrich Niemeier</i> .....	177
The Date of the Gournia Shrine, by <i>Pamela Russel</i> .....	187
The Silver Kantharos from Gournia, by <i>Ellen N. Davis</i> .....	195
Ground Stone Implements at Gournia: Comments and Queries, by <i>Harriet Blitzer Watrous</i> .....	207
Two Seals of the “Hieroglyphic Deposit Group” from Gournia, by <i>Paul Yule</i> .....	213

VOLUME 5 (1980): MINOAN FOREIGN RELATIONS AT THE BEGINNING OF THE LATE BRONZE AGE

Addresses of speakers at the symposium.....	220
Itinerant Aegean Builders, <i>by W. Willson Cummer</i> .....	221
Madonna Lilies in Aegean Wall Paintings, <i>by Susan Petrakis</i> .....	233
Minoan Relations with Cyprus: The Late Minoan I Pottery from Toumba tou Skourou, Morphou, <i>by Emily Vermeule</i> .....	239
Metals and Metallurgy in Crete and the Aegean at the Beginning of the Late Bronze Age, <i>by James D. Muhly</i> .....	243
Minoan Influence on the Greek Mainland during the Sixteenth Century B.C. and the Origins of Mycenaean Civilization, <i>by Hartmut Matthäus</i> .....	255
The Problem of Minoan Relations with the West at the Beginning of the Late Bronze Age, <i>by Hans-Günter Buchholz</i> .....	263
Considerations in Minoan Contacts at the Beginning of the Late Bronze Age, <i>by Reed Phythyon</i> .....	279

VOLUME 6 (1981): SHAFT GRAVES IN BRONZE AGE GREECE

Introduction, <i>by Philip P. Betancourt</i> .....	287
The Seal from Shaft Grave Gamma—A “Mycenaean Chieftain”?, <i>by John H. Betts</i> .....	289
Faience from the Shaft Graves, <i>by Karen Polinger Foster</i> .....	297
Royal Shaft Graves outside Mycenae, <i>by Spyros Iakovidis</i> .....	305
Evidence for Local Style on the Shaft Grave Diadems, <i>by Barbara Kling</i> .....	317
Treasure and Aesthetic Sensibility—The Question of the Shaft Grave Stelai, <i>by Günter Kopcke</i> .....	327
Were There Connections between the Aegean and Levant at the Period of the Shaft Graves? <i>by Ora Negbi</i> .....	335
Hafting Methods on Type B Swords and Daggers, <i>by Judith R. Weinstein</i> .....	337
Shaft Graves at Nichoria, <i>by Nancy C. Wilkie</i> .....	345
The Mycenae-Vapheio Lion Workshop III, <i>by John G. Younger</i> .....	355

VOLUME 7 (1982): TRADE AND TRAVEL IN THE CYCLADES DURING THE BRONZE AGE

Bronze Age Cycladic Ships, <i>by Paul F. Johnston</i> .....	363
Plus and Minus Thera: Trade in the Western Aegean in Late Cycladic I–II, <i>by Elizabeth Schofield</i> .....	371
Linear A in the Cyclades: The Trade and Travel of a Script, <i>by Thomas G. Palaima</i> .....	377
Thoughts on Prehistoric and Archaic Delos, <i>by Jack L. Davis</i> .....	385
The Crocus and Festoons Motif: Evidence for Traveling Vase-Painters? <i>by Philip P. Betancourt</i> .....	397

The Hub of Commerce: Keos and Middle Helladic Greece, by <i>John C. Overbeck</i> .....	401
Cycladic Imports in Crete: A Brief Survey, by <i>Steven L. Stucynski</i> .....	413

VOLUME 8 (1983): GOLD IN THE AEGEAN BRONZE AGE

Gold Analysis and Sources of Gold in the Bronze Age, by <i>James D. Muhly</i> .....	425
Gold and Goldworking in Early Bronze Age Crete, by <i>Keith Branigan</i> .....	439
Aegean and Near Eastern Gold Jewelry in the Early Bronze Age, by <i>Lucinda Rasmussen McCallum</i> .....	445
The Gold of the Shaft Graves: The Transylvanian Connection, by <i>Ellen N. Davis</i> .....	457
Chronological Problems of Some Late Minoan Signet Rings, by <i>Ingo Pini</i> .....	465
Goldwork of the Extreme End of the Aegean Bronze Age, by <i>Reynold Higgins</i> .....	477

VOLUME 9 (1984): THE SCOPE AND EXTENT OF THE MYCENAEAN EMPIRE

Mycenaean Artistic Koine: The Example of Jewelry, by <i>Robert Laffineur</i> .....	483
The Mycenaeans and Their Northern Neighbors, by <i>Stefan Hiller</i> .....	495
Problems in Mycenaean Contact with the Western Mediterranean, by <i>Elizabeth K. French</i> .....	513
Crete in Transition: Aspects of Village Architecture in the LM IIIA–IIIB Period, by <i>Barbara Hayden</i> .....	515
The Bird Motif in the Mycenaean IIIC:1b Pottery of Cyprus, by <i>Barbara Kling</i> .....	529
Umpiring the Mycenaean Empire, by <i>James C. Wright</i> .....	541

VOLUME 10 (1985): ASPECTS OF AEGEAN POTTERY IN THE MIDDLE BRONZE AGE

Repertory of Decorative Motifs on Middle Cycladic Pottery from Ayia Irini, Kea, by <i>Gatewood Folger Overbeck</i> .....	557
Early Elements in Middle Minoan Pottery, by <i>Gisela E. Walberg</i> .....	561
MM IB and MM IIA at Kommos, by <i>Philip P. Betancourt</i> .....	567
An Exercise in Form vs. Function: The Significance of the Duck Vase, by <i>Jeremy Rutter</i> .....	573
A Middle Cypriot Jug from Kommos, by <i>Pamela J. Russell</i> .....	599
The Development of a Bronze Age Coarse Ware Chronology for the Khandia Region of West Crete, by <i>Jennifer Moody</i> .....	609



# Preface

The Temple University Aegean Symposium was an annual event from 1976 until 1985 sponsored by the Department of Art History at Temple University in Philadelphia, PA. Each year, the symposium focused on a specific theme. In the last generation before computers transformed the field of archaeology, this annual event was used to meet a serious need for scholarly interaction on subjects dealing with the prehistoric periods of Greece and nearby regions. The symposium in Philadelphia provided an opportunity to present scholarly papers to a wide audience. It was managed on a very modest scale. The papers were all prepared by the speakers ahead of time on a manual typewriter, and they were duplicated the day before the conference (sometimes with a bit of panic). A little over a hundred bound volumes were prepared, and they were passed out for free at the conference to all who wished to attend. Obviously, no time was available for any editing, and the volumes published whatever was received. No other annual conferences with free published proceedings existed in this field in the 1970s and 1980s in the United States, and the symposia were well attended by both students and faculty from the three institutions offering advanced courses in Aegean Prehistory in Philadelphia (the University of Pennsylvania and Bryn Mawr College as well as Temple University) as well as from neighboring cities in the northeast of the United States. It was a nice opportunity to speak to old friends and make new ones. The Department of Art History at Temple provided the travel costs for one speaker each year, and the others managed their own expenses.

Several of the people who are distinguished senior scholars in the 21st century delivered one of their earliest papers in the United States at this conference. The proceedings, not easily available for many years, are reproduced here in their

original form. They are of interest for the history of Aegean archaeology just before scientific and technological advancements changed the field (and especially its publications). A surprising number of the papers were never published elsewhere, and some of them offer insights into the field that are still as new and fresh as when they were written.

Philip P. Betancourt  
2015

The compendium includes articles by:

Marshall J. Becker, Emmett Bennett Jr., Philip P. Betancourt, John H. Betts, Harriet Blitzer, Keith Branigan, Hans-Günter Buchholz, Gerald Cadogan, M.A.S. Cameron, W. Wilson Cummer, Ellen N. Davis, Jack L. Davis, Karen Polinger Foster, Elizabeth K. French, Claireve Grandjouan, Nicholas Hartmann, Barbara Hayden, Reynold Higgins, Stefan Hiller, Spyros Iakovidis, Paul F. Johnston, Barbara Kling, Robert Koehl, Günter Kopcke, Robert Laffineur, Harmut Matthäus, Lucinda Rasmussen McCallum, Henry N. Michael, Jennifer Moody, James D. Muhly, Ora Negbi, Wolf-Dietrich Niemeier, Gatewood Folger Overbeck, John C. Overbeck, Thomas G. Palaima, Susan Petrakis, Reed Phythyon, Ingo Pini, Leon Pomerance, Pamela J. Russell, Jeremy Rutter, Elizabeth Schofield, Joseph W. Shaw, Jean Silverman, Jeffrey S. Soles, Steven L. Stucynski, Emily Vermeule, Karen D. Vitelli, Gisela E. Walberg, L. Vance Watrous, Gail A. Weinstein, Judith R. Weinstein, Tamara S. Wheeler, Nancy C. Wilkie, James C. Wright, John G. Younger, and Paul Yule.