

# KEOS XII

AYIA IRINI: AREA B

NATALIE ABELL

KEOS



VOLUME XII

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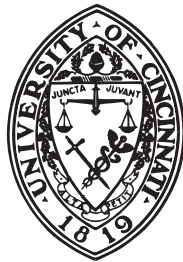
# KEOS

RESULTS OF EXCAVATIONS CONDUCTED BY  
THE UNIVERSITY OF CINCINNATI  
UNDER THE AUSPICES OF  
THE AMERICAN SCHOOL OF CLASSICAL STUDIES AT ATHENS

VOLUME XII

AYIA IRINI: AREA B

BY  
NATALIE ABELL



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Dedicated to the memory of Aliko Bikaki



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## ACKNOWLEDGMENTS

Excavations at Ayia Irini on the Cycladic island of Kea began in 1960 under the direction of John L. Caskey of the University of Cincinnati, under the auspices of the American School of Classical Studies at Athens (ASCSA). Aliko Halepa Bikaki oversaw excavation in a large part of the southeastern sector of the site, initially all designated as Area B. There, she discovered an LBA house (House B) and the Temple. Although the Temple was separated out from Area B in its records and publication schedule, Aliko was entrusted with the publication of the rest of Area B, namely the LBA House B and Alley AB, which separated House B from House A, as well as the EBA and MBA deposits below them. Aliko worked toward the publication of Area B until 2008, when she passed the assignment to me. I am grateful to Aliko for entrusting me with this project, and I am thankful to Jack Davis both for recommending me to Aliko and for his unflagging support of my work.

Aliko was an excellent archaeologist, and any success in this study is owed in large part to her diligence in excavating, observing, recording, and interpreting the story of Area B as it was uncovered. Over the course of decades spent analyzing the Area B remains, Aliko built up a collection of notes and drawings that she provided to me. I obtained additional excavation records from the Kea Excavation archives at the ASCSA and the University of Cincinnati. Carol Hershenson, Natalia Vogeikoff-Brogan, and Jeffrey Kramer provided access to and assistance with the archives. John Wallrodt helped me to create a database and manage my digital data.

Aliko's notes included stratigraphic sections, architectural plans and sketches, a working catalogue of ceramics and small finds, and prose summaries about some aspects of the area that seem to have been intended for her eventual publication. She had compiled summary descriptions of all the excavation units for the major deposits, including lists of elevations and finds and basic dating. A group of notes and sketches described the excavation and stratigraphy of the 1975 and 1976 test pits in detail. She had also located some ceramic comparanda, especially for Period III and Period VII deposits. Stratigraphic sections drawn by Aliko have been digitized. She also sketched the architecture and emerging stratigraphy in the excavation notebooks; some of those sketches are included here when they provide additional evidence for the interpretation of the stratigraphy or architecture (Pls. 19, 20).

The plans that Aliko drew were based on the architects' field sheets. Site architects were Lloyd Cotsen, Charles K. Williams, Roger Holzen, and W. Willson Cummer; the architectural drawings adapted for this volume were not signed or initialed unless otherwise noted. Aliko used modified versions of the field sheets to show walls, features, and the placement of test pits, as well as to compile elevations. Information from her plans has been incorporated into phase plans (Figs. 19–25), drawn from the architects' field sheets, with the exception of the Period IV plan (Fig. 20), which existed (unsigned) in the Kea archives at the ASCSA.

Aliko created a preliminary catalogue of ceramics and small finds for all of the combined lots in Area B and for the test pit in Alley AB. All ceramics that she numbered for her catalogue have been included here. Descriptions are mine, unless otherwise noted. Many additional sherds have also been included in my catalogue. Thanks are owed to Stella Bouzaki, Nelly Lazaridou, Tasoula Voutsina, Kostas Chionatos, Sotiris Maras, Yannis Lavdas, and Petros Petrakis who mended objects for the excavations during the 1960s and 1970s. Aliko's drawings of ceramics and small finds have been inked and are presented in the figures. Many additional drawings were prepared by Lily Bonga and Mary-Jane Schumacher, through the assistance of Tom Brogan and the INSTAP Study Center for East Crete. A few drawings are the work of John Bouda, Alice (Fäthke) Berbner, and Alison Rittershaus. All photos are courtesy of the Kea Excavation archives. Photographs that are not attributed to a particular photographer in the captions were taken during excavation or study seasons between 1960 and 1989. Most were taken by either John L. Caskey or E. Tucker Blackburn, although some photographs were taken by other excavators and researchers; in any case, the photographers' names were not recorded. Photos taken by me are noted in the captions.

I have been influenced significantly by Aliko's interpretations, both those in her notes and those that were shared with me in person. She had completed extensive work toward reconstructing the stratigraphy, and, in most instances, I have come to the same or similar conclusions. In the few cases where I did not follow her reasoning, or where I disagreed with her interpretations, I have included her ideas alongside my own.

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## ABBREVIATIONS

Abbreviations for publications follow the list of the *American Journal of Archaeology* (<http://ajaonline.org/submissions/abbreviations>).

### EXCAVATION RECORDS

AB Stratigraphy	Bikaki, n.d. "General Alley AB Stratigraphy Notes"
H-E Results	Bikaki, n.d. "Brief Diagram of Results in Test H-E"
Notecards	Bikaki, n.d. Notecards
Test H-E Pottery Notes	Bikaki, 1976. "Test H-E Pottery Notes"
B604CL Pottery Notes	Bikaki, n.d., "B604CL Pottery Notes"
B606CL Pottery Notes	Bikaki, n.d., "B606CL Pottery Notes"
B608CL Pottery Notes	Bikaki, n.d., "B608CL Pottery Notes"
Summary (Miscellaneous)	Bikaki, n.d., "Summary"
Coleman, 1970 Notes	Coleman, "Frescoes/Plaster. Kassie's Notes as of June 1970"

### CHRONOLOGICAL TERMS

EBA	Early Bronze Age	EM	Early Minoan	EH	Early Helladic	EC	Early Cycladic
MBA	Middle Bronze Age	MM	Middle Minoan	MH	Middle Helladic	MC	Middle Cycladic
LBA	Late Bronze Age	LM	Late Minoan	LH	Late Helladic	LC	Late Cycladic

### OTHER TERMS

ASCSA	American School of Classical Studies at Athens	max.	maximum
ca.	circa	min.	minimum
CL	combined lot	mm	millimeter/s
cm	centimeter/s	µm	micrometer/s
D.	diameter	perf.	perforation
DOL	dark-on-light	pres.	preserved
est.	estimated	rest.	restored
FM	Furumark Motif Number (Furumark 1941)	RKE	rotative kinetic energy
FS	Furumark Shape Number	SDL	Seismic Destruction Level at Akrotiri (Marthari 1984, 1990)
g	gram/s	Th.	thickness
H.	height	WD-XRF	Wave-dispersive X-ray fluorescence
ICP-AES	inductively coupled plasma atomic emission spectroscopy	VDL	Volcanic Destruction Level at Akrotiri (Marthari 1984, 1990)
L.	length	vs.	versus
LOD	light-on-dark	W.	Width
m	meter/s	Wt.	weight

## FABRIC TERMS

Macroscopic and petrographic fabric groups are described in detail in Chapter 3 and Appendices IV and V.

a	angular	opt act	optical activity
CF	coarse fraction	PBS	Pink-Brown Soapy
CSW	Coarse, with Shiny, White Inclusions	PFG	petrographic fabric group
DV	Dusty, Volcanic	ppl	plane polarized light
el	elongate	r	rounded
eq	equant	RBM	Red-Brown Metamorphic
FF	fine fraction	sa	subangular
FST	Fine, Non-Micaceous, Sand-Tempered	sr	subrounded
FV	Fine, Varied	tcs	textural concentration features
MFV	Micaceous, Fine, Varied	wr	well-rounded
MxM	Mixed Micaceous	xpl	cross-polarized light

## ABBREVIATIONS IN FIGURES 53–63 (SHAPE AND WARE)

Amph	amphora	M/T	Melian/Theran
AM	Argive Minyan	Mth	mouth
Bk	beaked	OM	oval-mouthed
BSp/HM	bridge-spouted/hole-mouthed	Ped	pedestaled
Burn	burnished	Perf	perforated
Car	carinated	Pir	piriform
Cl	closed	PO	Pink-Orange
CW	Cycladic White	Poly	Polychrome
Cycl	Cycladic	Ptd	painted
E Aeg	east Aegean	RC	Red Coated
Glob	globular	Rd	rounded
GM	Gray Minyan	RM	round-mouthed
Gr/Bl	Gray/Black	S&B	Slipped and Burnished
Hdl	handle	Sm	small
HM	hole-mouthed	SMP	Standard Matt Painted
Lent	lentoid	Spread	spreading
Lg	large	Spt	spouted
Loc	local	Strt-sided	straight-sided
LP	Lustrous Painted	Vaph	Vapheio
Mel	Melian	Var	various
Min	Minoan	Vess	vessel
Min/-izing	Minoan/-izing	WM	wide-mouthed
Min/Myc	Minoan/Mycenaean	WoG	White-on-Gray
Miny	Minyan	WoR	White on Red
Misc	miscellaneous	Unk	Unknown
Mnld	Mainland	YM	Yellow Minyan
MP	Matt Painted	YS	Yellow Slipped