

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

CAMBRIDGE LIBRARY COLLECTION

Books of enduring scholarly value

Archaeology

This is a book about archaeology.

Prehistoric Thessaly

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

Cambridge University Press has long been a pioneer in the reissuing of out-of-print titles from its own backlist, producing digital reprints of books that are still sought after by scholars and students but could not be reprinted economically using traditional technology. The Cambridge Library Collection extends this activity to a wider range of books which are still of importance to researchers and professionals, either for the source material they contain, or as landmarks in the history of their academic discipline.

Drawing from the world-renowned collections in the Cambridge University Library, and guided by the advice of experts in each subject area, Cambridge University Press is using state-of-the-art scanning machines in its own Printing House to capture the content of each book selected for inclusion. The files are processed to give a consistently clear, crisp image, and the books finished to the high quality standard for which the Press is recognised around the world. The latest print-on-demand technology ensures that the books will remain available indefinitely, and that orders for single or multiple copies can quickly be supplied.

The Cambridge Library Collection will bring back to life books of enduring scholarly value (including out-of-copyright works originally issued by other publishers) across a wide range of disciplines in the humanities and social sciences and in science and technology.

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

Prehistoric Thessaly

*Being Some Account of Recent Excavations
and Explorations in North-Eastern Greece
from Lake Kopais to the Borders of Macedonia*

ALAN JOHN BAYARD WACE
MAURICE SCOTT THOMPSON



Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore,
São Paulo, Delhi, Dubai, Tokyo

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org

Information on this title: www.cambridge.org/9781108006651

© in this compilation Cambridge University Press 2009

This edition first published 1912

This digitally printed version 2009

ISBN 978-1-108-00665-1 Paperback

This book reproduces the text of the original edition. The content and language reflect the beliefs, practices and terminology of their time, and have not been updated.

Cambridge University Press wishes to make clear that the book, unless originally published by Cambridge, is not being republished by, in association or collaboration with, or with the endorsement or approval of, the original publisher or its successors in title.

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

PREHISTORIC THESSALY

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

CAMBRIDGE UNIVERSITY PRESS
London: FETTER LANE, E.C.
C. F. CLAY, MANAGER



Edinburgh: 100, PRINCES STREET
Berlin: A. ASHER AND CO.
Leipzig: F. A. BROCKHAUS
New York: G. P. PUTNAM'S SONS
Bombay and Calcutta: MACMILLAN AND CO., LTD.

All rights reserved

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

PREHISTORIC THESSALY

BEING SOME ACCOUNT OF RECENT EXCAVATIONS
AND EXPLORATIONS IN NORTH-EASTERN GREECE FROM
LAKE KOPAIS TO THE BORDERS OF MACEDONIA

by

A. J. B. WACE, M.A.

Fellow of Pembroke College, Cambridge

Corresponding Member of the Imperial German Archaeological Institute

and

M. S. THOMPSON, B.A.

Craven Fellow in the University of Oxford

Charles Oldham Research Student of Corpus Christi College

Cambridge:
at the University Press

1912

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

Cambridge:
PRINTED BY JOHN CLAY, M.A.
AT THE UNIVERSITY PRESS

Cambridge University Press
978-1-108-00665-1 - Prehistoric Thessaly
Alan John Bayard Wace and Maurice Scott Thompson
Frontmatter
[More information](#)

TO
THE MEMORY OF GEORGE FINLAY
HISTORIAN OF GREECE
AND
ONE OF THE FIRST STUDENTS OF THE PREHISTORIC
REMAINS OF THAT COUNTRY

PREFACE

THE present work is an attempt to collect in a convenient form all the archaeological evidence as yet available for the prehistoric period in North-Eastern Greece. Chapters I—X, which are purely descriptive, contain full accounts of our own excavations with a summary of the discoveries of others. These we hope will be of permanent value, but how far the theories put forward in the other chapters can be justified time alone can show.

Our own excavations in North Greece have all been conducted under the aegis of the British School at Athens, of which we are students. Our publications in connection with them are as follows:

1907. "Excavations at Theotoku," A. J. B. W., J. P. Droop, *B.S.A.* XIII, pp. 309 ff.
 1908. "Excavations at Zerelia," A. J. B. W., J. P. Droop, M. S. T., *B.S.A.* XIV, p. 197. "Early Civilisation in North Greece," A. J. B. W., J. P. Droop, M. S. T., *Liverpool Annals*, 1908, pp. 118 ff., 131 ff. "The Connection of the Aegean Civilisation with Central Europe," T. E. Peet, A. J. B. W., M. S. T., *Classical Review*, 1908, pp. 233 ff.
 1909. "Excavations at Lianokladhi, and Tsani Maghula," A. J. B. W., M. S. T., *Liverpool Annals*, 1909, pp. 149 ff. "Prehistoric Mounds in Macedonia," A. J. B. W., M. S. T., *ibid.* pp. 159 ff. "The Connection of the Aegean Culture with Servia," M. S. T., A. J. B. W., *Classical Review*, 1909, pp. 209 ff.
 1910. "Excavations at Tsangli, and Rakhmani," see Dawkins, *J.H.S.* 1910, p. 360; Reinach, *Rev. Arch.* 1910, II, pp. 429 ff.

A paper containing an early draft of part of Chapter I was read at a meeting of the Research Committee of the Royal Geographical Society, and has been published in the *Geographical Journal*, Vol. xxxvii, pp. 631 ff. Of these publications those giving reports of our excavations are superseded by the present work, and the views expressed in the other papers are to be modified in accordance with Chapters XI—XVII and Appendix I. Mr Droop's enforced absence since 1909 has proved an irreparable loss. During our excavations at Lianokladhi and Tsani we were fortunate in having the assistance of Mr T. E. Peet, thanks to the generosity of the British School at Athens.

As regards the transliteration of Ancient Greek we have followed the system recommended by the British School at Athens¹. According to this all Greek words and names are preserved in the Greek forms, and only those that are in common use are Latinised. It may be thought that we have Latinised too many names, but we think that the ordinary reader will recognise Chaeronea more easily than Chaironeia.

As to the transliteration of Modern Greek we find ourselves unable to follow the system adopted by the British School at Athens², which through its disregard of sounds is totally unfitted for the transliteration of a living

¹ *B.S.A.* xv, p. 402.

² *B.S.A.* xv p. 403.

language. We have therefore adopted, with one or two additions to suit words borrowed from Turkish, the system suggested by Mr Dawkins¹, which is in the main that followed by Leake. According to this we transliterate :

- a* by *a*.
β by *v*, but *μβ* by *mb*: *Varvára* (Βαρβάρα), *Túm̄ba* (Τούμβα).
γ by *gh* before *a*, *o*, *μ*: *Maghúla* (Μαγούλα).
 by *y* before *e*, *i*: *Ágios Yéorgios* (Ἅγιος Γεώργιος).
γγ by *ng*, and *γχ* by *nkh*.
δ by *dh*, but *νδ* by *nd*: *Livadhiá* (Λιβαδειά), *Andréas* (Ἀνδρέας).
ε by *e*.
ζ by *z*, but where *τζ* and *δζ* are used to express *ts* and *dz* we have transliterated accordingly.
η by *i*.
θ by *th*.
ι by *i*.
κ by *k*, but *γκ* by *ng* in Greek words, and *g* in foreign words: *Langádha* (Λαγκάδα), *Gerlí* (Γκερλί).
λ by *l*.
μ by *m*.
ν by *n*.
ξ by *x*.
ο by *o*.
π by *p*, but *μπ* by *mb* in Greek and *b* in foreign words: *Xerókam̄bo* (Ξερόκαμπο), *Anabaklí* (Ἀναμπακλί).
ρ by *r*, and *ρρ* by *rr*. Initial *ρ* by *r*, not *rh*.
ς by *s*. In Turkish words, where *σι* (and sometimes at the end of words *ς*) is used to express *sh* and *τσι* to express *tsh* (English *ch*), we naturally use *sh* and *tsh* to represent the sounds: *Pashá* (Πασιά), *Básh* (Μπάς), *Tshatmá* (Τσιατμά).
τ by *t*, but *ντ* by *nd*, and in foreign words by *d*: *Sidherúnda* (Σιδερούντα), *Daút* (Νταούτ).
υ by *i*.
φ by *ph*.
χ by *kh*.
ψ by *ps*.
ω by *o*.
αι by *e*.
ει, οι, υι by *i*.
av, ev by *af* and *ef* before unvoiced consonants (*θ, κ, (ξ, ψ), π, σ, τ, φ, χ*), and *av* and *ev* before vowels and voiced consonants: *Evangelístria* (Εὐαγγελίστρια), *Avghoníma* (Αὐγόνιμα), *Efstrátios* (Εὐστράτιος).

The rough breathing is omitted. The first time a word occurs the Greek spelling is given and the accents which are always written as acute are indicated. In dealing with names of Turkish origin we have in every case taken the commonest Greek spelling and transliterated that. Further, where recognisable, we have given the Turkish derivation. In dealing with these Professor E. G. Browne has most kindly helped us².

Our obligations to others are many. First we wish to take this opportunity of thanking our respective colleges: without their generous

¹ *B.S.A.* xv, pp. 217 ff.

² The only exceptions to this system of transliteration are, Phylakopí (Φυλακωπή) and Zafer Papoura (Ζαφέρ Παπούρα), because of their common use in English books.

Preface

ix

support this work would not have been possible. For contributions towards the expenses of our excavations we are indebted to the Cambridge University Worts' Fund, the Oxford University Craven Fund, Liverpool University (Institute of Archaeology), the British School at Athens, the British Association, the Cambridge Classical Society, and to Messrs R. M. Dawkins, W. Ridgeway, L. Whibley, J. P. Droop, W. Miller, and W. B. Bond. The Cambridge University Craven Fund made a grant towards the cost of the photographs from which, most of the illustrations have been made, and the British School at Athens has contributed towards the expenses of publication.

The Greek archaeological authorities have at all times given us every facility. We owe a special debt of gratitude to Professor Tsundas, the pioneer of prehistoric archaeology in Thessaly, and if we have tended to over-emphasize the points on which we disagree with his conclusions, it is only because they are so few. Dr Sotiriadhis has most generously allowed us to make free use of his results, published and unpublished, and in addition has devoted much time to discussing with us many of the problems involved. Dr Arvanitopulos, Ephor of Antiquities for Thessaly, has allowed us to publish some of his finds from Phthiotic Thebes and other objects in the Volos Museum, and has always been ready to help us. In Thessaly itself Thessalians of all classes have always received us with the greatest kindness, which has gone far to lighten our labours. In particular we owe much to Mr N. Yiannopoulos of Almiros, and Mr P. Apostolidhis of Volos. To our colleagues of the German Institute, Professors Doerpfeld and Karo, and Drs Kurt Müller and Goessler we are indebted for information about Tiryns, Olympia, and Leukas. Throughout all our work we have received unflinching help and advice from Mr R. M. Dawkins, Director of the British School at Athens. At home Professors Ridgeway and Myres, Dr Duncan Mackenzie, and Mr L. Whibley have given us every encouragement and the last in addition undertook the thankless task of reading the proofs. Plates I, II 5, IV 4, V, VI, and Figures 11, 13, 29, 91*d*, 112, 114 are after watercolour and black and white drawings by Mr W. S. George. For the loan of several blocks we are indebted to the British School at Athens, the German Archaeological Institute, and the Institute of Archaeology of Liverpool University, and to the Greek Archaeological Society for permission to copy some plans and illustrations from Professor Tsundas' book.

To the Syndics of the Cambridge University Press for undertaking the publication of this book, and to their staff and readers for their skill and courtesy our heartiest thanks.

A. J. B. W.
 M. S. T.

SALONICA,
June 12th, 1911.

ABBREVIATIONS

In references to books and periodicals we have adopted the abbreviations recommended by the Society for the Promotion of Hellenic Studies, and the British School at Athens (*Annual of the British School at Athens*, xv, pp. 404 ff.). To these we have to add the two following: Professor Tsundas' book on Dhimini and Sesklo (Χρήστος Τσουντας, *Αἱ προϊστορικαὶ ἀκροπόλεις Διμηνίου καὶ Σέσκλου*) is cited throughout as Δ-Σ; and the *Annals of Archaeology and Anthropology* published by the Liverpool University Institute of Archaeology are referred to as *Liverpool Annals*.

CONTENTS

	PAGE
INTRODUCTION	I
CHAP.	
I. THE GEOGRAPHY OF NORTH-EASTERN GREECE, AND THE DISTRIBUTION OF THE PREHISTORIC SITES	3
II. THE PRINCIPAL CLASSES OF POTTERY AND CELTS	13
III. NORTH THESSALY, RAKHMANI, MARMARIANI, MESIANI MAGHULA, ETC.	25
IV. SOUTH EASTERN THESSALY, SESKLO, DHIMINI, PIRGHOS	58
V. CENTRAL THESSALY, TSANGLI, RINI	86
VI. WESTERN THESSALY, TSANI MAGHULA	135
VII. SOUTHERN THESSALY, ZERELIA, PHTHIOTIC THEBES, ETC.	150
VIII. THE SPERCHEUS VALLEY, LIANOKLADHI	171
IX. BOEOTIA AND PHOCIS	193
X. THE MYCENEAN PERIOD AND THE EARLY IRON AGE	206
XI. ARCHITECTURE	217
XII. CONNECTIONS WITH THE SOUTH	221
XIII. CONNECTIONS WITH THE WEST	228
XIV. CONNECTIONS WITH THE NORTH	231
XV. CHRONOLOGY	234
XVI. THE PREHISTORIC HISTORY OF NORTH-EASTERN GREECE	240
XVII. ETHNOLOGICAL CONCLUSIONS	250
APPENDIX I. NOTES ON THE PREHISTORIC FINDS IN BULGARIA, ROUMANIA, ETC.	257
APPENDIX II. CHEMICAL ANALYSES, ETC.	259
TABLE OF ILLUSTRATIONS REPRESENTING POTTERY	263
MUSEOGRAPHICAL INDEX	264
INDEX	265

LIST OF ILLUSTRATIONS

FIG.		PAGE
1.	Sketch Map of North-Eastern Greece <i>to face page</i>	I
2.	Iolcus from the north-west	2
3.	The Maghula of Rakhmani	25
4.	Pottery from Rakhmani	26
5.	" " " " " " " " " " "	27
6.	" " " " " " " " " " "	27
7.	" " " " " " " " " " "	29
8.	" " " " " " " " " " "	29
9.	" " " " " " " " " " "	30
10.	" " " " " " " " " " "	30
11.	" " " " " " " " " " "	32
12.	" " " " " " " " " " "	32
13.	" " " " " " " " " " "	33
14.	" " " " " " " " " " "	33
15.	" " " " " " " " " " "	36
16.	Diagram of stratification at Rakhmani	37
17.	House plans at Rakhmani	38
18.	Hearth at Rakhmani	39
19.	Spit supports at Rakhmani	43
20.	Pottery from Rakhmani	44
21.	" " " " " " " " " " "	45
22.	" " " " " " " " " " "	46
23.	" " " " " " " " " " "	47
24.	" " " " " " " " " " "	48
25.	Figurines from Rakhmani	49
26.	Miscellaneous objects from Rakhmani	50
27.	" " " " " " " " " " "	51
28.	Miscellaneous objects from House Q at Rakhmani	52
29.	Figurine from Argissa	54
30.	Statuette from near Larissa	57
31.	Pottery from Sesklo	59
32.	" " " " " " " " " " "	62
33.	Plan of Sesklo	63
34.	Plan of Megaron at Sesklo	65
35.	Figurine from Sesklo (restored)	69
36.	Pottery from Dhimini	76
37.	" " " " " " " " " " "	78
38.	Plan of Dhimini	80

List of Illustrations

xiii

FIG.		PAGE
39.	Plans of Megara at Dhimini	81
40.	Pottery from Tsangli	87
41.	" "	88
42.	" "	89
43.	Marks on pottery from Tsangli	91
44.	Pottery from Tsangli	92
45.	" "	93
46.	" "	94
47.	" "	95
48.	" "	96
49.	" "	97
50.	" "	98
51.	" "	100
52.	" "	102
53.	" "	103
54.	" "	104
55.	" "	105
56.	" "	106
57.	" "	107
58.	" "	108
59.	" "	109
60.	" "	110
61.	" "	112
62.	" "	114
63.	Diagram of stratification at Tsangli	114
64.	Plan of house <i>T</i> at Tsangli	115
65.	Plans of houses <i>P</i> , <i>Q</i> , <i>R</i> at Tsangli	116
66.	Houses <i>P</i> , <i>Q</i> , <i>R</i> at Tsangli	117
67.	Celts, etc. from Tsangli	118
68.	" "	119
69.	Celts, figurines, etc. from Tsangli	120
70.	Millstone, mortars, etc. from Tsangli	122
71.	Figurines from Tsangli	123
72.	Figurine from Tsangli	123
73.	" "	123
74.	Figurines, etc. from Tsangli	124
75.	Figurines from Tsangli	126
76.	" "	127
77.	" "	128
78.	Miscellaneous objects from Tsangli	129
79.	Pottery, etc. from Rini	131
80.	Plan of house at Rini	132
81.	House at Rini	133
82.	Pottery from Tsani	136
83.	" "	137
84.	" "	138
85.	" "	139
86.	" "	140

List of Illustrations

FIG.		PAGE
87.	Pottery from Tsani	142
88.	" "	143
89.	" "	145
90.	Diagram of stratification at Tsani	146
91.	Figurines from Tsani	147
92.	Bone implements from Tsangli and Tsani	148
93.	Stone seal from Tsani (impression)	149
94.	Zerelia	150
95.	Plan of mound at Zerelia	151
96.	Pottery from Zerelia	152
97.	" "	154
98.	" "	155
99.	" "	155
100.	" "	155
101.	" "	156
102.	" "	156
103.	" "	156
104.	" "	158
105.	Diagram of stratification at Zerelia	159
106.	Building at Zerelia	160
107.	Pottery from Zerelia	160
108.	Tombs at Zerelia	160
109.	Figurines from Zerelia	162
110.	Figurine from Zerelia	163
111.	Celts from Zerelia	164
112.	Gems from Zerelia and Melos	165
113.	Pottery from Phthiotic Thebes	168
114.	Figurine from Daudza	169
115.	Statuette from Avaritsa	170
116.	Lianokladhi	171
117.	Pottery from Lianokladhi	173
118.	" " "	174
119.	" " "	175
120.	" " "	176
121.	" " "	177
122.	" " "	178
123.	" " "	179
124.	" " "	180
125.	" " "	181
126.	" " "	182
127.	" " "	183
128.	" " "	183
129.	" " "	183
130.	" " "	183
131.	" " "	184
132.	" " "	185
133.	" " "	185
134.	" " "	186

List of Illustrations

XV

FIG.		PAGE
135.	Pottery from Lianokladhi	187
136.	Mat impression from Lianokladhi	188
137.	Plan of house at Lianokladhi	189
138.	Room in house at Lianokladhi	190
139.	Flint knives, etc. from Lianokladhi	192
140.	Pottery from Chaeronea, Dhrakhmani, etc.	198
141.	Figurines from Chaeronea	200
142.	Pottery from Dhrakhmani	203
143.	Pottery from Gonnos	207
144.	Pottery from Skyros	209
145.	Pottery from Theotoku	210
146.	” ” ”	211
147.	Bronzes, etc. from Theotoku	212
148.	Pottery from Theotoku	213
149.	Pottery from Khassan Tatar	214
150.	Pottery from Dhomokos	215
151.	Table of Chronology	237

The following plates are available in colour as a download from
www.cambridge.org/9781108006651

Plate I.	Pottery from Rakhmani	<i>at end</i>
Plate II.	Pottery from Tsangli and Rakhmani	”
Plate III.	Pottery from Tsangli	”
Plate IV.	Pottery from Rakhmani and Tsani	”
Plate V.	Pottery from Rakhmani	”
Plate VI.	Pottery from Rakhmani	”



FIG. 1. Sketch Map of North-Eastern Greece.

- 1 Rakhmani, 2 Marmariani, 3 Argissa, 4 Mesiani Maghula, 5 Topuslar, 6 Dhimini, 7 Sesklo, 8 Pirghos, 9 Tsangli, 10 Rini, 11 Tsani Maghula, 12 Zerelia, 13 Daudza, 14 Maghula Aidhinitiki, 15 Phthiotic Thebes, 16 Lianokladhi, 17 Chaeronea, 18 Schiste, 19 Ghulas, 20 Zarkos, 21 Theotoku.