

THE ANNUAL
OF THE
BRITISH SCHOOL AT ATHENS

No. 82

1987

THE BRITISH SCHOOL AT ATHENS

31-34 GORDON SQUARE, LONDON WC1H 0PY

Published by the Managing Committee

© *The Managing Committee, British School of Archaeology at Athens 1987*

*Printed in Great Britain
at the University Printing House, Oxford
by David Stanford
Printer to the University*

L. H. Jeffery. *In memoriam*

εἶ περ Πιερίδων στέργεις, ξέν' ὀδοίπορε, δῶρα
μῖμν' ὀλίγον, φρονίμης μνήμα γυναικὸς ὄρων·
ἢ παρὰ τοῖς συνετοῖσι καὶ ἐν λογίων θιάσοισι
καίνυτο δὴ σοφίῃ σωφροσύνη τε νόου.
Φοῖβος ἐπιστήμην τῆδ' ὤπασεν· αὐτὰρ Ἀθήνη
σὺν Μούσαις κριτικὰς τῆς μελέτης μεθόδους.
εὖ τε γραφῆς τέχνην καὶ σχήματα πρῶτ' ἐπέδειξεν,
εὖ τε καὶ ἀρχαίων ἱστορίην πόλεων.
ἐνθάδε νῦν σποδῆς κείται κόνις · ἐν δὲ φίλοισι
τῆς ὀσίης θαλέθει μνημοσύνη χάριτος.

11 December 1986

G.L.H.

BRITISH SCHOOL AT ATHENS

31-34 GORDON SQUARE

LONDON, WC1H 0PY

ANNUAL OF THE BRITISH SCHOOL AT ATHENS: The following are in print, available from the above address (postage extra):

Volume 53/4 (1958/9)	£15.00	Volume 72 (1977)	£20.00
Volume 60 (1965)	£15.00	Volume 73 (1978)	£20.00
Volume 61 (1966)	£15.00	Volume 74 (1979)	£30.00
Volume 62 (1967)	£15.00	Volume 75 (1980)	£30.00
Volume 63 (1968)	£15.00	Volume 76 (1981)	£30.00
Volume 64 (1969)	£15.00	Volume 77 (1982)	£40.00
Volume 65 (1970)	£15.00	Volume 78 (1983)	£40.00
Volume 66 (1971)	£15.00	Volume 79 (1984)	£40.00
Volume 67 (1972)	£15.00	Volume 80 (1985)	£45.00
Volume 68 (1973)	£15.00	Volume 81 (1986)	£45.00
Volume 69 (1974)	£16.00		
Volume 70 (1975)	£20.00	Index Volumes 33-48	£1.50
Volume 71 (1976)	£20.00	Index Volumes 49-68	£7.50

Volumes 1-40 of the *ANNUAL* and *Index Volumes* 1-32 have been reprinted, available from: Kraus Reprints, Millwood, New York 10546, USA.

SUPPLEMENTARY VOLUMES as follows available from Thames & Hudson Ltd., 44 Clockhouse Road, Farnborough, Hants GU14 7RA

No. 3 The Technique of Greek Sculpture (Adam, 1966)	£20.00
No. 4 Tocra 1963-5: The Archaic Deposits I (Boardman and Hayes, 1966)	£25.00
No. 5 Saliagos: Neolithic Settlement (Evans and Renfrew, 1968)	£25.00
No. 6 Chios: Greek Emporio (Boardman, 1967)	£25.00
No. 7 Myrtos: Early Bronze Age Settlement (Warren, 1972)	£25.00
No. 8 Knossos: The Sanctuary of Demeter (Coldstream, 1973)	£16.00
No. 9 The Finlay Papers: A Catalogue (J. M. Hussey, 1973)	£16.00
No. 10 Tocra: The Archaic Deposits II, and Later Deposits (Boardman and Hayes, 1974)	£25.00
No. 11 Lefkandi I: The Iron Age (Popham, Sackett, and Themelis)	
Plates (1979)	£27.00
Text (1980)	£46.00
No. 12 Excavations at Mycenae 1939-1955 (ed. French, 1980)	£27.00
No. 13 The Bronze Age Palace at Knossos: Plan and Sections (Hood and Taylor, 1981)	£14.00
No. 14 An Archaeological Survey of the Knossos Area (Hood and Smyth, 1981)	£19.00
No. 15 Prehistoric Emporio and Ayio Gala I (Hood, 1981)	£70.00
No. 16 Prehistoric Emporio and Ayio Gala II (Hood, 1982)	£62.50
No. 17 The Minoan Unexplored Mansion at Knossos (Popham)	
Plates (1984)	£45.00
Text (1985)	£35.00
No. 18 The Archaeology of Cult: The Shrine at Phylakopi (Renfrew, 1985)	£35.00
No. 19 The British School at Athens: The First Hundred Years (Waterhouse, 1986)	£18.00

ARCHAEOLOGICAL REPORTS: Back issues for most years available from BSA, 31-34 Gordon Square, London WC1H 0PY, price £5.00 per copy, plus postage.

THE BRITISH SCHOOL AT ATHENS

PATRON: HRH THE PRINCE PHILIP, DUKE OF EDINBURGH, KG, KT, GBE

Director

Dr H. W. CATLING, OBE, MA, D.Phil., FSA, Joint Editor of the *Annual*

Managing Committee 1986–1987

Professor R. M. COOK, MA, FBA, *Chairman & Trustee*

Professor J. BOARDMAN, MA, FBA, FSA, *Trustee*

Professor J. N. COLDSTREAM, MA, FBA, FSA, *Trustee*

HBM AMBASSADOR at ATHENS, *Vice-President*

Sir CLIFFORD NORTON, KCMG, CVO, MA, *Vice-President*

A. H. S. MEGAW, Esq., CBE, MA, FSA, *Vice-President*

Dr M. F. B. FITCH, CBE, D.Litt., Hon. FBA, FSA, *Vice-President*

Sir PEREGRINE RHODES, KCMG, *Vice-President*

Dr J. J. COULTON, MA, Ph.D., Appointed by the University of Oxford

Dr J. F. CHERRY, MA, Ph.D., Appointed by the University of Cambridge

Dr A. W. JOHNSTON, MA, D.Phil., Appointed by the University of London

Dr R. L. N. BARBER, MA, Ph.D., Appointed by the University of Edinburgh

Revd Professor W. MEANY, MA, Ph.D., DD, Appointed by the National University of Ireland

Professor F. G. B. MILLAR, MA, D.Phil., FBA, Appointed by the British Academy

B. F. COOK, Esq., MA, FSA, Appointed by the British Museum

Professor R. A. TOMLINSON, MA, FSA, Joint Editor of the *Annual*

Dr R. S. CORMACK, MA, Ph.D.

J. ELLIS JONES, Esq., BA, FSA

Dr C. B. MEE, MA, Ph.D.

Professor P. M. WARREN, MA, Ph.D., FSA

G. CADOGAN, Esq., MA, FSA

Dr A. J. N. W. PRAG, MA, D.Phil., FSA

Dr E. B. FRENCH, MA, Ph.D., FSA

M. S. F. HOOD, Esq., MA, FBA, FSA

Representatives of the Students

Dr J. M. COCKING, BA, Ph.D.

P. M. DAY, Esq., BA

Secretary: Mrs S. E. WAYWELL, BA, Ph.D., 31–34 Gordon Square, London WC1H 0PY

Treasurer: C. R. G. STEVENS, Esq., Woodgate, South Munstead Lane, Godalming, Surrey GU8 4AG

TABLE OF CONTENTS

In Memoriam LHJ	iii
1. MANOLIS ANDRONIKOS. Some Reflections on the Macedonian Tombs	1
2. ELINOR BEVAN. The Goddess Artemis and the Dedication of Bears in Sanctuaries	17
3. ANN BROWN and ALAN PEATFIELD. Stous Athropolithous: a Minoan Site near Epano Zakro, Sitias (<i>Plates 1-2</i>)	23
4. J. M. COOK. A Picture of the Battle of Lepanto	35
5. J. H. CROUWEL and C. E. MORRIS. An Early Mycenaean Fish Krater from Maroni, Cyprus (<i>Plates 3-4</i>)	37
6. DAVID GILL. Two New Silver Shapes from Semibratny (Seven Brothers Tumuli)	47
7. ERIK HALLAGER. The Knossos Roundels (<i>Plates 5-12</i>)	55
8. PAUL HALSTEAD. Man and Other Animals in Later Greek Prehistory	71
9. SINCLAIR HOOD. An Early British Interest in Knossos	85
10. GILLIAN E. INCE, THEODORE KOUKOULIS, and DAVID SMYTH. Paliochora: Survey of a Byzantine City on the Island of Kythera. Preliminary Report (<i>Plates 13-16</i>)	95
11. A. H. JACKSON. An Early Corinthian Helmet in the Museum of the British School at Athens (<i>Plate 17</i>)	107
12. GLYNIS JONES. Agricultural Practice in Greek Prehistory	115
13. A. W. JOHNSTON. <i>IG II² 2311</i> and the Number of Panathenaic Amphorae	125
14. PETER LOCK. The Frankish Tower on the Acropolis, Athens. The Photographs of William J. Stillman (<i>Plate 18</i>)	131
15. J. A. MACGILLIVRAY, L. H. SACKETT <i>et al.</i> Excavations at Palaikastro, 1986 (<i>Plates 19-24</i>)	135
16. PAMELA MAGRILL. A Minoan Alabastron in Dublin (<i>Plates 25-6</i>)	155
17. T. MARKETOU. Marine Style Pottery from the Seraglio in Kos	165
18. LYVIA MORGAN. A Minoan Larnax from Knossos (<i>Plates 27-30</i>)	171
19. DAVID REESE. Palaikastro Shells and Bronze Age Purple-Dye Production in the Mediterranean Basin	201
20. DAVID REESE. The EM IIA Shells from Knossos with Comments on Neolithic to EM III Shell Utilization	207
21. DUANE ROLLER. Tanagra Survey Project 1985. The Site of Grimadha (<i>Plates 31-5</i>)	213
22. E. SAKELLARAKIS. New Evidence from the Early Bronze Age Cemetery at Manika, Chalkis (<i>Plates 36-42</i>)	233

23.	DEMETRIUS V. SCHILARDI. New Evidence about the Hoplite Relief, Athens NM 1959	265
24.	JUDITH SHACKLETON, SINCLAIR HOOD, and JONATHAN MUSGRAVE. The Ashmolean Shell Plaque, AM 1938.537 (<i>Plates 43-5</i>)	283
25.	R. A. TOMLINSON. The Acropolis of Athens in the 1870s: the Evidence of the Alma-Tadema Photographs (<i>Plates 46-9</i>)	297
26.	R. A. TOMLINSON. The Architectural context of the Macedonian Vaulted Tombs .	305
27.	K. A. WARDLE. Excavations at Assiros Toumba 1986. A Preliminary Report (<i>Plates 50-2</i>)	313
28.	JUDITH WEINGARTEN. A Roundel from Knossos? in the Ashmolean Museum .	331
29.	D. E. WILSON. An EM IIA Triple-Bodied Jug from Knossos (<i>Plate 53</i>)	335