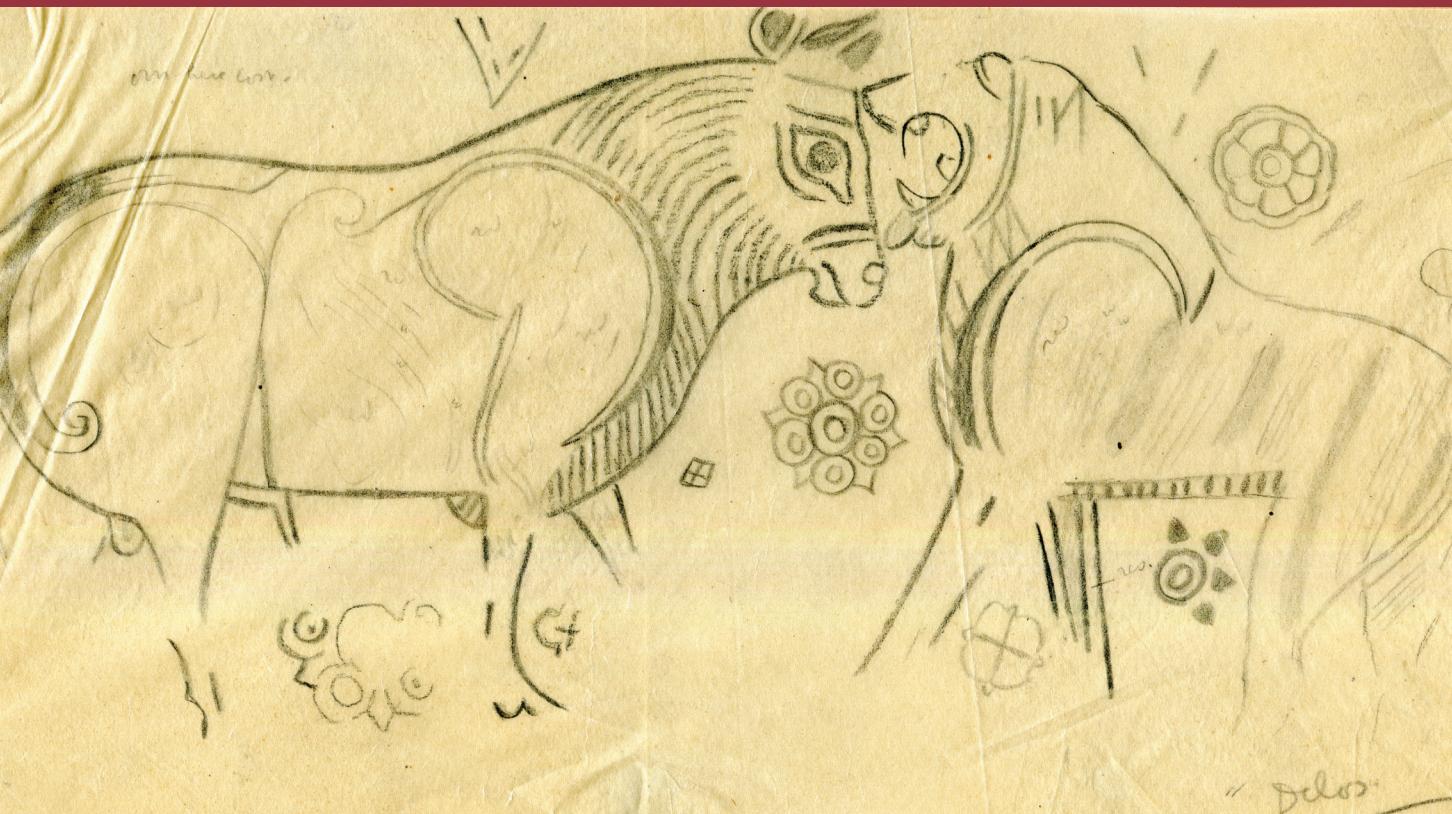


Annual of the BRITISH
SCHOOL
at
ATHENS



VOLUME 111 · 2016



THE BRITISH SCHOOL AT ATHENS

REGISTERED CHARITY NO. 208673

www.bsa.ac.uk

PATRON

HRH The Prince of Wales

CHAIR OF COUNCIL

Professor M. Schofield FBA

DIRECTOR

Professor John Bennet, MA, PhD, FSA

The British School at Athens, an educational charity founded in 1886, forms part of the British Academy's network of Sponsored Institutes and Societies (BASIS), which sustains and supports research overseas. The School promotes research of international excellence in all disciplines pertaining to Greek lands, from fine art to archaeometry, and in all periods to modern times. It does so through:

- a programme of research undertaken both alone and in collaboration with UK-based and other overseas institutions;
- an academic programme of seminars, lectures, and conferences;
- its internationally renowned library;
- the work of the Fitch Laboratory in science-based archaeological research across the Mediterranean;
- supporting the work of individual researchers from the UK and elsewhere, including applications for study and fieldwork permits; advice on the development of research programmes; accommodation and facilities in Athens and Knossos; and provision of online services;
- making their work known through the publication of its journals and monograph series;
- promoting the use of its archival, laboratory, and museum collections by the scholarly community worldwide;
- providing funding (including studentships and visiting fellowships) for research in Greece, and to enable Greek researchers to visit the UK;
- providing internships and training courses for undergraduates, postgraduates, and schoolteachers.

Athens: Odos Souedias 52
GR-106 76 Athens
Greece

School Office: Tel: 0030-211-102 2800
Fax: 0030-211-102 2803
E-mail: admin@bsa.ac.uk

London: The British Academy
10-11 Carlton House Terrace
London SW1Y 5AH

London Office: Tel: 0044-(0)20-7969-5315
E-mail: bsa@britac.ac.uk

Information for contributors to the *Annual*, including style guidelines, may be found at journals.cambridge.org/ath

The *Annual of the British School at Athens* is published by Cambridge University Press for the British School at Athens.

INDIVIDUAL SUBSCRIBERS

Individuals receive the *Annual* as part of membership of the School: further information on membership may be found at www.bsa.ac.uk.

INSTITUTIONAL SUBSCRIPTION RATES

The *Annual of the British School at Athens* (ISSN 0068-2454) is published once a year in December. The subscription price (excluding VAT) of volume 111 (2016), which includes print and online access, is £113 net (US\$184 in the USA, Canada and Mexico) for institutions. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT-registered customers should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd., P.O. Box 55, Chitose, Tokyo 156, Japan. All prices include delivery by air where appropriate.

Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or direct to the publisher: Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, UK. or in the USA, Canada and Mexico: Cambridge University Press, Journals Fulfillment Department, Cambridge University Press, 32 Avenue of the Americas, New York, NY 10013, USA.

COPYING

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organisations in the USA who are registered with the C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of the U.S. Copyright law) subject to payment to the C.C.C. of the per copy fee of \$30. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0068-2454/2016. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorised to supply single copies of separate articles for private use only. Organisations authorised by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or from the North American Branch of Cambridge University Press.

The journal is included in the Cambridge Journals Online service which can be found at <http://journals.cambridge.org>.

This journal has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, non-for-profit organisation established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

© The British School at Athens, 2016

THE ANNUAL
OF THE
BRITISH SCHOOL AT ATHENS
NO. III
2016

Published by Cambridge University Press
on behalf of the Council of the British School at Athens

Co-Editors:
Peter Liddel and John Bennet

© The Council, British School at Athens, 2016
ISSN 0068-2454

Front cover image

Sketch of Orientalising pottery motifs by Humfry Payne, 9th Director of the BSA from 1929 until his untimely death on 9 May 1936. BSA Archive: Humfry Payne Personal Papers: PAY 2.02.04.001<<http://2.02.04.001>>: Drawings: Cycladic Melian style vases (Delos)

CONTENTS

MICHAEL FOTIADIS, Leaf-Points from Petrota (Greek Thrace) and the Palaeolithic Chronology of the Vrahos Chert Quarry	I
TRISTAN CARTER, Obsidian Consumption in the Late Pleistocene – Early Holocene Aegean: Contextualising New Data from Mesolithic Crete	13
W. CAVANAGH, C. MEE AND J. RENARD, Early Bronze Age Chronology of Mainland Greece: A Review with New Dates from the Excavations at Kouphovouno	35
J.W. SHAW, Central Ceiling and Roof Supports in Early Minoan II Architecture	51
NATALIE ABELL, Minoanisation in the Middle Bronze Age: Evaluating the Role of Cycladic Producers and Consumers	71
IRINI PAPAGEORGIOU, Truth Lies in the Details: Identifying An Apiary in the Miniature Wall Painting from Akrotiri, Thera	95
CAROLYN C. ASLAN AND GÖKSEL SAZCI, Across the Hellespont: Maydos (Ancient Madytos), Troy and the North-Eastern Aegean in the Late Eighth to Early Sixth Century BC	121
MAURA BRENNAN, Lame Hephaistos	163
ANNA ALEXANDROPOULOU, A Fourth-Century Tomb at Argos: A Contribution to the Study of Local Pottery and Burial Customs	183
P.J. CALLAGHAN, The Problem with Claudius: Some Revisions in Ceramic Chronology in Central Crete During the Julio-Claudian Period	227
DIMITRIS GRIGOROPOULOS, The Piraeus from 86 BC to Late Antiquity: Continuity and Change in the Landscape, Function and Economy of the Port of Roman Athens	239
RICHARD HODGES, ERIKA CARR, ALESSANDRO SEBASTIANI AND EMANUELE VACCARO, Beyond Butrint: The ‘Mursi Survey’, 2008	269
ANTONIS KOTSONAS, Greek and Roman Knossos: The Pioneering Investigations of Minos Kalokairinos	299