

**STUDIES
IN
ANCIENT ART
AND
CIVILIZATION
20**



JAGIELLONIAN UNIVERSITY

Kraków 2016

LIST OF REVIEWERS

Lindsay Allason-Jones (Newcastle University)
Michel Feugère (French National Centre for Scientific Research, Paris)
Margarita Gleba (University of Cambridge)
Ulf R. Hansson (University of Texas at Austin)
Zdzisław J. Kapera (Jagiellonian University, Krakow, Emeritus)
Rafał Koliński (Adam Mickiewicz University in Poznań)
Mark Lawall (University of Manitoba, Winnipeg)
Achim Lichtenberger (Ruhr-Universität Bochum)
John Lund (The National Museum of Denmark, Copenhagen)
Kathleen M. Lynch (University of Cincinnati)
Matteo Flavio Mancini (Sapienza University of Rome)
Jolanta Młynarczyk (University of Warsaw)
Giorgio Ortolani (Università degli Studi Roma Tre)
Robin Osborne (University of Cambridge)
Ewdoksia Papuci-Władyka (Jagiellonian University, Krakow)
Winfred van de Put (University of Amsterdam)
Mark D. Stansbury-O'Donnell (University of St. Thomas)
Sergey Solovyev (The State Hermitage Museum, St. Petersburg)
Gabriella Tassinari (Università degli Studi di Milano)
Agata Ulanowska (University of Warsaw)
*Marc Walton (Northwestern University; Art Institute of Chicago Center
for Scientific Studies in the Arts)*
Leslie Anne Warden (Roanoke College, Salem, Virginia)
*Kristina Winther-Jacobsen (University of Copenhagen; Danish Institute
at Athens)*

**STUDIES IN ANCIENT ART
AND CIVILIZATION**

20

Universitas Iagellonica

**DE ANTIQUORUM ARTIBUS
ET CIVILISATIONE
STUDIA VARIA**

Pars XX

Edidit
Jaroslav Bodzek

Cracoviae MMXVI

Jagiellonian University

**STUDIES
IN ANCIENT ART
AND CIVILIZATION**

20

Edited by
Jarosław Bodzek

Krakow 2016

EDITORIAL BOARD

Jarosław Bodzek (Editor-in-Chief, Jagiellonian University, Krakow)

Piotr Bieliński (University of Warsaw)

Eliot Braun (W. F. Albright Institute of Archaeological Research, Jerusalem)

Krzysztof M. Ciałowicz (Jagiellonian University, Krakow)

Renée Friedman (British Museum, London)

Georgia Kokkorou-Aletras (National and Kapodistrian University, Athens)

Janusz A. Ostrowski (Jagiellonian University, Krakow, Emeritus)

Ewdoksia Papuci-Władyka (Jagiellonian University, Krakow)

Tomasz Polański (Jan Kochanowski University, Kielce)

Joachim Śliwa (Jagiellonian University, Krakow, Emeritus)

Michael Vickers (University of Oxford, Emeritus)

MANAGING EDITOR

Agata Dobosz

LANGUAGE EDITOR

Keith Horechka

COVER DESIGN

Szymon Szweda

LAYOUT

Marta Korczyńska-Zdąbłarz

ON THE COVER

Block W III of the Parthenon frieze. Digital surface model by Konstantinos-Dionysios Bouzakis et al. (cf. Bouzakis et al., Pl. 8, in this volume).

© COPYRIGHT BY

JAGIELLONIAN UNIVERSITY INSTITUTE OF ARCHAEOLOGY & AUTHORS
KRAKOW 2016

Publication financed from statutory funds of the Jagiellonian University Faculty of History

KSIĘGARNIA AKADEMICKA
ul. Św. Anny 6
31-008 Kraków
e-mail: akademicka@akademicka.pl

ZAMÓWIENIA PRZEZ
KSIĘGARNIĘ INTERNETOWĄ/
AVAILABLE FROM:
WWW.AKADEMICKA.PL

Published in the e-book form plus 200 paper copies
The primary version of the journal is the electronic format

ISSN: 1899-1548

e-ISSN: 2449-867X

Studies in Ancient Art And Civilization are regularly listed at the Polish Ministry of Science and Higher Education's List B, Index Copernicus and CEJSH

EDITORIAL NOTE

Since volume 14 of the *Studies in Ancient Art And Civilization*, published in 2010, the design of our periodical has slightly changed, and we also started to use the so-called Harvard referencing (or parenthetical) system, all due to the fact that *SAAC* was listed in the reference index of reviewed journals of the Polish Ministry of Science and Higher Education (List B).

Since 2010 (vol. 14) the publisher has been Księgarnia Akademicka Ltd. in Krakow. Starting with volume 16 (2012) an external review procedure has been introduced, compliant with the double-blind review process (anonymity of both the reviewed author and the reviewer). The referees include both members of the Editorial Board and others. The list of referees is published on the journal's website and in the hard copy. The primary version of the journal is the electronic format. As far as the names of the towns in Poland are concerned, these are given in their original form (e.g. Poznań, Gołuchów etc.), with the exception of the well established English ones such as Warsaw and Krakow (but in the title pages the original name Kraków is used).

With the 2011 issue we also introduced the following abbreviations, apart from those used in the *American Journal of Archaeology* and *Lexikon der Ägyptologie*:

PAM – *Polish Archaeology in the Mediterranean*, Warsaw

RechACrac SN – *Recherches Archéologiques. Serie Nouvelle*, Krakow

SAAC – *Studies in Ancient Art and Civilization*, Krakow

Guidelines for prospective authors can be found on our webpages:
<http://www.saac.archeo.uj.edu.pl/>
<http://www.akademicka.pl/saac/>

SAAC volumes nos. 1–20 are available on the library exchange base. Recent issues starting from vol. 14 (2010) can be purchased from the Księgarnia Akademicka, also in e-book format
<http://www.akademicka.pl/saac/>

Studies in Ancient Art and Civilization was created in 1991 by Professor Joachim Śliwa as an occasional series and since vol. 10 (2007) has become a regular annual journal edited by the Jagiellonian University Institute of Archaeology. Księgarnia Akademicka S. A. has been the publisher since 2010.

Nineteen volumes have been published to date, among them two monographs, two conference proceedings and three festschrifts for distinguished researchers from our Institute.

SAAC publishes papers in the fields of the archaeology, art and civilization of ancient Egypt, the Near East, Greece and its colonies, Cyprus and Rome, as well as other, non-Mediterranean ancient civilizations; also in the history of archaeology, antiquities collecting and the reception of ancient culture in modern Europe. Special attention is given to topics concerning predynastic and early-dynastic Egypt, the Greek and Roman periods in the Black Sea region, and the archaeology of Cyprus, thanks to excavations conducted by researchers from our Institute in these areas. Material from these excavations is published in SAAC.

<http://www.saac.archeo.uj.edu.pl/>

<http://www.akademicka.pl/saac/>



ARCHEOBOOKS.COM

BOOKS EXCAVATED

Current and previous volumes of *SAAC*
are available from the official distributor:

www.archeobooks.com



ISSN 1899-1548