# REI CRETARIÆ ROMANÆ FAVTORVM ACTA 46



# CONGRESSVS TRICESIMVS PRIMVS REI CRETARIÆ ROMANÆ FAVTORVM NAPOCÆ HABITVS MMXVIII

OXFORD 2020

# Published by the Rei Cretariæ Romanæ Favtores, an international learned society in association with Archaeopress Publishing Ltd

Editorial board:

Darío Bernal-Casasola (University of Cádiz)
Tatjana Cvjetićanin (National Museum, Belgrade)
Maria Duggan (Newcastle University)
Philip M. Kenrick
Simonetta Menchelli (University of Pisa)
Christine Meyer-Freuler (Kantonsarchäologie Aargau, Brugg)
Viorica Rusu-Bolindeţ (Museum of Transilvanian History, Cluj-Napoca)
Kathleen Warner Slane (University of Missouri)
Inês Vaz Pinto (University of Coimbra / Troia Resort)

General Editor:
Catarina Viegas (University of Lisbon), editor@fautores.org

Typesetting and layout: Rui Roberto de Almeida

Cover photo: Pottery display. National Museum of Transylvanian History. Cluj-Napoca. Viorica Rusu-Bolindeţ.

ISSN 0484-3401 ISBN 978-1-78969-748-3 ISBN 978-1-78969-749-0 (ePdf) DOI 10.32028/9781789697483

This book is available to order from:
Archaeopress Publishing Ltd, Summertown Pavilion, 18-24 Middle Way, Oxford OX2 7LG, UK
Order online at www.archaeopress.com

Enquiries concerning membership should be addressed to the Treasurer: treasurer@fautores.org

Website: www.fautores.org

© RCRF and the individual authors.

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying or otherwise, without the prior written permission of the copyright owners.

## TABLE OF CONTENTS

Foreword	VII
Introduction	IX
Iberian Peninsula	
Albert Ribera i Lacomba Entre Italia e <i>Hispania</i> . La cerámica de barniz negro de Cales en el siglo II a.C.	13
Marta Gómara Miramón, Begoña Serrano Arnáez & Óscar Bonilla Santander  Las tipologías cerámicas de la <i>villa</i> de Piecordero I (Cascante, Navarra). Un establecimiento rural alto imperial del <i>Conventus Caesaraugustanus</i>	25
Jaume Puigredon Boixadera & Joaquim Tremoleda Trilla Importación y producción local en <i>Hispania</i> (siglos I a.C. – I d.C.). Estudio funcional de las cerámicas del Sector 200 (CRV) del área suburbana de Empúries	35
Jeronima RIUTORT RIERA  Late Roman cooking wares in the area of <i>Barcino</i> and <i>Iluro</i> : from African imports to local production	43
Begoña Serrano Arnáez, Óscar Bonilla Santander & Ángel Santos Horneros Contextos romanos republicanos en <i>Bursau</i> , un <i>oppidum</i> en la <i>Hispania Citerior</i>	49
Macarena Bustamante-Álvarez & Elena H. Sánchez López El barrio alfarero de Cartuja (Granada, España). Análisis de un testar localizado en las recientes intervenciones del sector Beiro	57
M. Isabel Fernández-García & Manuel Moreno-Alcaide Doña Mencía: un centro receptor de la <i>terra sigillata</i> hispánica de Los Villares de Andújar (Jáen, España)	71
Manuel Moreno Alcaide, Pablo Ruiz Montes, Begoña Serrano Arnáez & M.ª Isabel Fernández-García Cambio, adaptación y resiliencia en el yacimiento arqueológico de El Laderón (Doña Mencía, Córdoba, España). Estudio de la <i>terra sigillata</i> procedente del Sector 4 del <i>oppidum</i> íbero-romano	77
Pedro C. Carvalho, Adolfo Fernández Fernández, José Cristóvão, Patrícia Dias & Ricardo Costeira da Silva Una primera aproximación a los contextos cerámicos tardoantiguos de Idanha-a-Velha ( <i>Egitania</i> ).  Un ejemplo de importación y producción local en el interior de la provincia <i>Lusitania</i>	83
José Carlos Quaresma, Rodrigo Banha da Silva, Raquel Guimarães, Filipe Sousa & Catarina Felício Taberna 1 from <i>Mirobriga</i> (Santiago do Cacém, Portugal) – ceramic evolution of the Late Antique levels	97
Inês Vaz Pinto, Ana Patrícia Magalhães, Patrícia Brum & Filipa Araújo dos Santos Ceramic evidence in the fish-salting workshop 23 at Tróia (Portugal): amphorae and pitchers	105
Maria Conceição Lopes, Rui Roberto de Almeida & Inês Vaz Pinto Amphorae and coarse ware in early Roman assemblages of the colony of <i>Pax Iulia</i> (Beja, Portugal): imports and local production	115
Catarina Viegas	
Late Republican and Early Empire common ware in southern <i>Lusitania</i> (Algarve-Portugal): the Italian imports	129

### Italia and Sicilia

Christiane De Micheli Schulthess Produzioni locali, importazioni e esportazioni dall'attuale Canton Ticino (Svizzera)	139
Paola Puppo  Pro itu et pro reditu: the pottery offered in the sanctuaries along the mountain pass	149
Paola Ventura & Paola Maggi Importazioni di ceramiche fini orientali ad Aquileia. Nuovi dati dalle collezioni storiche del Museo Archeologico Nazionale	157
Valentina Mantovani & Roby Stuani  Terra sigillata decorata a matrice di media età imperiale da Verona: nuovi dati sulle produzioni  Nord-Italiche	173
Marina Scalzeri & Elisa Zentilini  La ceramica a pareti sottili dalla necropoli di Gazzo Veronese (Verona). Note preliminari dalle indagini 2014/2015	185
Federico BIONDANI Il mercato ceramico a <i>Regium Lepidi (Aemilia</i> ) dal periodo repubblicano al tardo antico: prodotti regionali e importazioni	191
Eleonora ROSSETTI  La vocazione commerciale della pianura a nord di Bologna: primi dati sulle anfore dall'insediamento rurale di Maccaretolo (BO)	203
Simonetta Menchelli  Marketing Roman pottery along the Tyrrhenian coast: the case studies of <i>Vada Volaterrana</i> , <i>Pisae</i> and <i>Luna</i>	217
Viviana CARDARELLI  I bolli dell' <i>Octpro-Octsal Group</i> . Riflessioni sulla circolazione urbana a partire dai recenti scavi nell'area degli <i>Horti Lamiani</i> (Esquilino, Roma)	229
Edoardo Radaelli Ceramiche fini, ceramica africana da cucina e lucerne dai contesti medio imperiali delle 'Terme di Elagabalo' a Roma: ruoli, produzioni ed origini	239
Miriam Napolitano  Contributo alla conoscenza di Nora in età tardo-antica: il contesto ceramico dell'ambiente Ipogeo o  'Vano G'	253
Vincenzo Castaldo From North Africa to Campania: trade and local imitations of African cooking ware. An overview and new data from the North-Vesuvian territory	261
Francesca Diosono Produzioni regionali e importazioni nel territorio di Metaponto in età romana: pareti sottili, sigillate e ceramiche africane da Pantanello	271
Custode Silvio Fioriello & Anna Mangiatordi  Manifatture fittili nella <i>Apvlia</i> et <i>Calabria</i>	285
Carlo De Mitri Import-export nell'area del Canale d'Otranto in etá tardo-ellenistica. L'evidenza delle ceramiche fini e dei contenitori da trasporto da Orikos (Valona-Albania) e da Muro Tenente (Brindisi-Italia)	297
The Balkans and the Danube region	
F. Javier Heras Mora & Jordi Principal  Louteria cerámicos helenísticos en Pompeya y Risan (Montenegro)	305
Ivana Ožanić Roguljić & Valentina Mantovani  Sarius cups from Žuta Lokva (Roman Dalmatia - Croatia). Preliminary report	311
Zvezdana Modrijan  Pottery from Late Roman hilltop settlement at Ančnikovo Gradišče (Slovenia)	317

Sofia CINGOLANI & Ludovica Xavier DE SILVA Produzioni ceramiche da <i>Hadrianopolis</i> (Albania) con rivestimento rosso o rosso-bruno: importazioni e produzioni locali	327
Paul Pupeză, Adriana Isacu & Cosmina Cupșa Dacian pottery in Roman contexts. The fort of Cășeiu (Samum)	335
Luciana Nedelea	
Local and imported wares discovered at the legionary baths of <i>Potaissa</i> . Military life in Roman <i>Dacia</i>	343
Ionuț Bocan & Cătălina-Mihaela Neagu  The local production of lamps in <i>Alburnus Maior</i> : workshops or local branches?	355
Cătălin Cristescu & Gabriel Andreica Roman cooking wares discovered at Sarmizegetusa Regia	365
Gabriel Andreica	275
Roman amphorae from Sarmizegetusa Regia	375
Andrei Opaiţ, Alexandru Barnea†, Iuliana Barnea, Bianca Grigoraş & Ioana Potra Supplying wine, olive oil and fish products to the Lower Danube frontier (2 <sup>nd</sup> -7 <sup>th</sup> century AD): the case of <i>Dinogetia</i>	381
Bianca Elena Grigoraș  The medium sized storage vessels from Dinogetia	395
Alexander Harizanov Rural ceramic workshops in Roman Thrace (second half of the 1st-end of the 3rd century)	401
Nikolay Rusev Roman amphorae from <i>Anchialus</i> (preliminary report)	411
Tatjana CVJETIĆANIN  Boosting up crafts: rites and local production of pottery	413
Denis Zhuravlev & Dmitriy Khmelevskiy Plastic vessel in the shape of a male African head from <i>Olbia Pontica</i>	421
Gerwulf Schneider & Malgorzata Daszkiewicz  Late Hellenistic and Roman tableware in the Aegean and the Black Sea region – Why we need chemical analysis.	429
Rita CHINELLI Common ware with iconographical motifs from Vindobona (Pannonia)	437
Barbara Hajdu  Terra sigillata from the cellars of Brigetio's civil town. Some remarks on the potters' stamps	447
Piroska Magyar-Hárshegyi & Dénes Gabler  Households of the Roman urban élite in <i>Aquincum – villa</i> of the white storks (Folyamőr street 14-16.  Budapest, Hungary). Imported and local pottery	451
Nadezhda Borislavova Sub-Rhodian amphorae in the Toman province of Thrace. Is the form a trademark for the content?	467
Germania Inferior, Austria	
Roderick C. A. Geerts Colour-coded for your convenience. Skeuomorphism in Roman pottery production in <i>Germania Inferior</i>	475
Martin AUER Pottery imports and their influence on local products in Aguntum, Noricum	481
Eastern Provinces	
Roberto Perna	
Connections between Africa and Crete in the Late Roman and Proto-Byzantine periods attested in the South Building at Gortyna.	491

Marzia GIULIODORI  Ceramiche fini dai contesti tardi dell'edificio Sud a Gortina: produzione locale e importazioni dall'Africa	501
Charikleia Diamanti, Yannos Kourayos & Anastasios Lamprakis	
Late Roman pottery from the excavations of the Archaic sanctuary-complex of Apollo in Despotiko Island, Cyclades. Preliminary results	507
Ertekin M. Doksanalti	
The Roman and Late Roman ceramics from the Heroon of Harbor Street at Knidos	517
Ayşe F. Erol & Deniz Tamer Evaluations on Colchian amphorae retrieved from Fatsa/Cıngırt Kayası excavations	527
S. Yücel ŞENYURT & Leyla YORULMAZ A general assessment on the Hellenistic pottery of Kurul fortress	543
Alina Streinu	
Thin-walled table ware from recent excavations in the East bath complex at Labraunda (Milas, Turkey)	551
Philip Bes	
Long-distance imported pottery at Horvat Kur (Galilee, Israel): categories and quantities	559
Egypt	
Archer Martin	
Mortaria at Schedia (western Delta, Egypt)	569
Cristina Mondin, Mohamed Kenawi, Nunzia La Rosa & Maria Lucia Patanè  Kom Wasit (Egitto): le terme ellenistiche e la successiva occupazione romana	575
Laura Rembart, Lisa Betina & Denise Katzjäger	313
Trade and production in Upper Egypt. A ceramic production centre in the Aswan region and its distribution	585
Aude Simony	
Local cooking wares from the western Nile Delta, Egypt (1st-3rd century AD)	591
Africa	
Darío Bernal-Casasola, José J. Díaz, Macarena Bustamante-Álvarez, José Ángel Expósito, Javier Verdugo, María Ángeles Pascual, Macarena Lara, José Manuel Vargas, Ángeles Castellano, Manuel Parodi-Álvarez, José Alberto Retamosa, José Luis Portillo, Mustapha Ghottes & Tarik Moujoud	500
Ánforas y microespacio en <i>Tamuda</i> . Avance del contexto mauritano del Barrio Oriental	599
Mongi NASR Les dépotoirs de céramiques de <i>Thelepte</i> , productions locales et produits importés	611

#### **FOREWORD**

Since the beginning of its publication, back in 1958, the Rei Cretariae Romanae Fautorum Acta became a reference for all those dedicated to the different aspects of Roman pottery studies. With 60 years celebrated in 2017, Rei Cretariae Romanae Fautores is the oldest association dedicated to the study of Roman ceramics, bringing together more than 300 members (including more than 80 affiliated members) from 30 countries. This vigour and vitality is the result of the initiative by Howard Comfort and Elisabeth Ettlinger to bring together Roman pottery specialists.

The volumes published so far, (with the exception of 3 to 8 and 13 that are not linked to specific Congresses) are the result of presentations (communications and posters) made in the Conferences organized by invitation in different parts of the former Roman Empire, every two years. This is the occasion, *par excellence*, for the presentation of research results on the most diverse topics on Roman ceramics in the different geographies of the Roman Empire and beyond. In these meetings, all researchers (not only the members of the association) can participate in a friendly atmosphere of knowledge sharing and fruitful debate over Roman ceramics and their historical significance. Lively discussions over potters' stamps, forms, typologies, fabrics and chronology of pottery sherds frequently take place as they allow inferences on different aspects of the Roman world.

The history of Roman pottery studies is reflected in the contents of the Acta volumes: with an initial, almost exclusive interest directed to *terra sigillata* this predominance gradually faded from the 80s and 90s of the 20th century, opening to other categories such as amphorae, common ware and lamps. Resulting from projects, fieldwork (excavations and surveys), underwater archaeology, preventive archaeology activities or other archaeology activities, the study of pottery assemblages play a crucial role in the interpretation of past societies.

Corresponding to a highly specialized field of knowledge, the studies and approaches on Roman ceramics offer information about the way different regions were integrated into the Roman sphere. As objects of daily use in the domestic context, they also allow the identification of consumption patterns and the understanding of exchange, circulation and distribution systems in the complex ancient economy. In the artisanal context, pottery production and its technological aspects are a key issue when approaching the archaeology of production. Archaeometric approaches are progressively used in research enquiries as to understand provenance or technological aspects of pottery. On the other hand, pottery in funerary assemblages also contains relevant data for the study of attitudes towards death, ancient culture and society.

With a commitment to maintaining high levels of scientific quality and rigour, the publication of the Acta has enabled a wide range of young researchers from various countries to present the results of their enquiries, alongside with senior scholars from all over the former provinces of the Roman Empire. This diversity, often reflected in the papers published, is also our strength. Thus, the international scope is guaranteed, no borders are recognized as the Acta papers are published in English, French, German, Italian and Spanish. Previous editors, such as Susanne Zabehlicky-Scheffenegger and Susanne Biegert, have assured high-quality standards and kept the regularity of publication that is worth noting.

Volume 46 of the Rei Cretariae Romanae Fautorum Acta is the result of communications and posters presented during the 31st Conference of RCRF held in Cluj-Napoca (Romania) in September 2018. The main theme was 'Marketing of Roman pottery: economic relationships between local and imported products', but many presentations addressed other related topics.

As decided in the *Fautores* General Assembly in Cluj, this volume appears both in printed and electronic version (with DOI) and is printed and distributed by Archaeopress. As the production and dissemination of knowledge are our main goals, all the necessary steps are being taken to make available previous volumes of the Acta online to assure full open-access. Also, RCRF allows self-archive of papers in institutional repositories. With more than 300 members (including more than 80 institutional ones), the Acta is present in most prestigious research centres, universities and libraries all over the world.

It is this tradition of knowledge sharing and scientific advancement that we intend to pursue. Our review process based on the scientific quality of the papers presented (peer review) assures independent evaluation of the Acta contents in all different stages of the editing process. Publication Guidelines were adapted to Archaeopress style regarding Bibliography and referencing. Details of these can be accessed in the RCRF webpage (https://www.fautores.org).

Finally, one should mention that the editing process was done with unexpected difficulties due to the Covid 19 pandemic restrictions that struck everyone on different levels. Fortunately, this occurred when we were already in the last phases of the publication and we were only partially affected since museum stores and research centres in universities were closed and some researchers still needed to review a few details of their ceramics.

In this occasion, I would like to thank all the members of the editorial board who participated in the editing activities of this volume and took part in the review process, Dario Bernal-Casasola, Tatjana Cvjetićanin, Maria Duggan, Philip M. Kenrick, Simonetta Menchelli, Christine Meyer-Freuler, Viorica Rusu-Bolindet, Kathleen Warner Slane and Inês Vaz Pinto, as well as Rui Roberto de Almeida for the formatting and layout and David Davison from Archaeopress. I am also most grateful to Susanne Zabehlicky-Scheffenegger and Susanne Biegert for their help and wise advice.

September 2020

Catarina Viegas (General Editor)

#### INTRODUCTION

Why a special introduction, although we could do without since our first Acta were published in 1958? Well, because I was asked to draw attention to the core and heart of our association – the congress(es) – i.e. what happened before you have this book in your hands. Normally we meet every second year by invitation of a member in any part of the Roman Empire. We have already been as far in the south-east as Ephesus and as far in the north-west as York. In 2018 Viorica Rusu-Bolindet seduced us to come to Cluj-Napoca, the second time that a congress took part in Romania, after 1994 at Timişoara. And we are looking forward to our next congress in Athens, the first ever in Greece, whenever it will be possible to meet again without health risk.

The volume you have at hand now comprises 64 articles on 617 pages. Out of the 120 scheduled lectures and posters presented at the congress, 61 are included in the present volume, to which were added three others. Given the location of the conference in Romania it seems natural that the amount of articles related to the Balkans and Danube region is the largest one (with 20 articles). It is followed by contributions concerning Italy (15), and the Iberian Peninsula (13). The 'rest of the world' is split between the Roman provinces in the East (8), in North-Africa (6), and in central respectively western Europe (2). What a difference to the first fifteen volumes of our Acta, containing 111 articles, where France predominated by far with 29 (followed by Italy with 13, Hungary and general items with 11 each, Germany with 9 and the Iberian Peninsula with 8 to list but the main ones)! And of course also the topics changed enormously: in the Acta 1-15 (published 1958 to 1973) 62 articles dealt with *sigillata* matters only(!), followed by general items treated in 15 articles; only one to four each discussed other types of pottery. Whereas at that time only in four cases various wares were combined in one and the same article, now nearly every author is presenting or at least mentioning whole contexts, assemblages, or at any rate different wares from a certain find spot or region.

Since long, though by far not from the beginning, it has been customary to propose a general theme for a congress. Of course it is not obligatory to follow it, and other items are also welcome, but it always serves as a good guideline and clamp. At Cluj-Napoca we were asked to contribute to 'Marketing of Roman pottery: economic relationships between local and imported products' and it influenced many of the presentations. Although that is a broad subject and one can pack nearly everything into that label, just look at the titles, how many researchers followed it literally: we can read about and learn upon imports versus local products (mostly in contexts with mixed material) from east (*Potaissa*, Romania) to west (Beja, Portugal) and from north (*Aquincum*, Hungary) to south (*Thelepte*, Tunisia). It is not the appropriate place here to review the articles, but a short summary may be given: proved or reasonably assumed workshops are presented from Serbia, Bulgaria, Turkey, Egypt, Italy and Spain; when papers deal only with a single type of pottery, amphorae as well as *sigillata* 

See the Historia Favtorvm in our website <a href="https://www.fautores.org/pages/historia-fautorum.htm">https://www.fautores.org/pages/historia-fautorum.htm</a>. Under 'News' in the same website one can find reports on the last four congresses with many pictures.

The foundation of the now so flourishing SFECAG in 1973 was almost certainly the reason for a regrettable decline of French participants in our association: the amount of relevant articles diminished from 26% to 2%. Fortunately up to now the establishment of the SECAH in Spain has not had the same effect and the Iberian Peninsula provided 16% of the articles in the last five volumes!

and related wares prevail, followed by cooking wares and a rather sporadic treatment of votive vessels or offerings, figural vessels, lamps, *louteria* and *mortaria*; the chronology of the presented finds spans from the Hellenistic to the Late Roman/Byzantine periods. Hence everyone can find something to his/her taste and the volume once again attests and demonstrates the ample field of the Roman pottery research to which we are devoting our work and which the *Rei Cretariae Romanae Fautores* are supporting.

What else happened and enriched us during the congress? First of all, we had plenty of time to discuss everything between us - pottery matters of course, but also personal news - during the breaks, refreshed with coffee and cookies, in front of the many posters, during the shared meals regaled with abundant delicious food and beverage, and during the full-day excursions. The first of these led us to Zalău, where we had another session of lectures before we visited the County Museum of History and Art with a pottery display and then the site of *Porolissum*, ending up in a huge tent with nice food, Roman soldiers and dance. In the second excursion we visited the historic town of Alba Iulia with its wonderful three fortifications. After lectures we strolled around and were guided to the National Museum of Unification with another hands-on pottery display and the town with its remains of various periods, not only Roman, the two cathedrals and the Vauban citadel. Dinner adequately was served in an old barbican.

The post-congress trips (not any longer joined by all of us) led to *Ulpia Traiana Sarmizegetusa* (site and museum) and the Hunyadi Castle at Hunedoara as well as to Turda/*Potaissa* (site and museum) and the ample salt mine, where salt was exploited from Roman times until the early 20<sup>th</sup> century. At the end we had gained many new friendships!

One of the highlights was (the opening of) the exhibition 'The supply of ceramic goods in Dacia and Lower Moesia: imports and local developments' in the National Museum of Transylvanian History at Cluj-Napoca, with an immense pottery display of all the main ceramic production centres of these provinces. There we were presented with two comprehensive volumes, the exhibition catalogue: V. Rusu-Bolindeţ and F.-O. Botiş (eds.) in collaboration with C.-A. Roman, I.-A. Iliescu, I. Potra, B.E. Grigoraş, L. Nedelea et al. 2018, *The supply of ceramic goods in Dacia and Lower Moesia: imports and local developments. Exhibition catalogue*, Cluj-Napoca, Mega Publishing House and the elaborate and very useful synopsis of the manifold local productions in Romania: V. Rusu-Bolindeţ, C.-A. Roman, M. Gui, I.-A. Iliescu, F.-O. Botiş, S. Mustaţă and D. Petruţ (eds.) 2018, *Atlas of Roman Pottery Workshops from the Provinces Dacia and Lower Moesia/Scythia Minor (1st-7th centuries AD) I* (Biblioteca Musei Napocensis L), Cluj-Napoca, Mega Publishing House, both compiled on occasion of our congress!

Organizing a congress is at times a cumbersome labour, but a very rewarding task. We are deeply grateful to Viorica Rusu-Bolindet and her collaborators and helpers that they did such a great job in organizing the whole lot in such an excellent way! Thank you all!

Catarina Viegas, our new editor, now devoted hard work to compile the present volume and we are much obliged to her effort! Enjoy reading it, hopefully at a profit!

October 2020

Susanne Zabehlicky-Scheffenegger



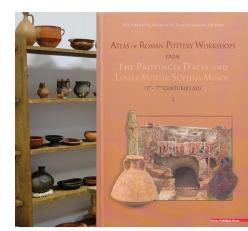




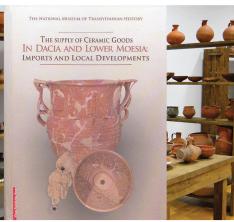
























Some impressions of the congress.