

CURRENT RESEARCH IN EGYPTOLOGY 2014

Proceedings of the Fifteenth Annual Symposium

University College London and King's College London
April 9–12, 2014

edited by

Massimiliano S. Pinarello, Justin Yoo, Jason Lundock
and Carl Walsh



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ACCETTOLA, Anna (University of California, Los Angeles) The Egyptians and Nabataean Trade Nation.

ALI, Mohamed Yousef (Ministry of State for Antiquities, Egypt) Dashur: Documenting Change.

AUENMÜLLER, Johannes (Freie Universität) Temple Statues of New Kingdom Viziers and Mayors in Territorial Context—Distribution vs. Localism.

BACKHOUSE, Joanne (University of Liverpool) Female Figurines: a Re-evaluation of the Evidence and Theoretical Frameworks.

BASHA, Walaa Aboubakr (University of Manchester) Stable Isotope Analysis of Soft Tissue from Kulubnarti (Sudanese Nubia).

BAUMANN, Stefan (Universität Tübingen) Treasuries and Hidden Chambers in GraecoRoman Temples.

BENNETT, James (Durham University) Tells, Toponyms and the Third Intermediate Period. Constructing a New Topographical Settlement Map for the Period.

BEUTHE, Tatjana (University College London) The Landscape of the Osiris Tomb at Abydos and its Relation to Funerary Icons and Items from the Late New Kingdom onward.

BOONSTRA, Stephanie (University College London) Finders Keepers? Disputed Heritage Between Egypt and the Levant.

BRAUN, Christopher (Warburg Institute) Discovering Egypt's Pre Islamic Past: Ancient Egypt's Material Culture Mirrored in Medieval Arabic Treasure Hunter Manuals.

BRUMBRIDGE, Caroline (University of Auckland) 'You carried your spear on the testimony of a filthy whore!': Gender Stereotypes and Transgendered Individuals in the Tale of the Two Brothers.

CAFICI, Giorgia (Scuola Normale Superiore di Pisa) The Representation of the Elite in the Egyptian Sculptural Production during the Ptolemaic Period.

CHAPMAN, Sarah (University of Birmingham) Avoiding Death: Restrictions on the Representation of Corpses in Egyptian Art.

CHYLA, Julia (Jagiellonian University) View from the Space: What Archival Maps and Satellite Images Can Tell us about?

COLAZILLI, Alessandra (Sapienza Università di Roma) Fear of the Outside World. An Egyptian Perspective.

DI TEODORO, Micol (University College London) The *hnt wr*: a New Research.

DRAPER, Charles (University of Oxford) The Egyptian Diaspora in Northern Mesopotamia c. 700—600 BC.

EJSMOND, Wojciech (University of Warsaw) A Survey of Gebelain: Preliminary Results.

FELLINGER, Renate (University of Cambridge) Women's Participation in the Legal Landscape of Ptolemaic Egypt as Portrayed in Theban Documents for Money.

FRITS, Heinrich and CAPPERS, R. T. J. (University of Groningen) The Farming Regimes of Egypt: Agricultural Strategies and Crop Selection.

GUTIERREZ, Maria (Yale University) Processional Oracles: Methods of Approaching the God in the Context of Egyptian Temple Festivals and Processions.

HACKNER, Stacy (University College London) 3D Scanning for Nubian Bones: a Case Study.

HUFFT, Barbara (University of Basel) Kushite Royal Representation in Egypt and Nubia.

JOHNSON, Diane (Open University/University of Manchester) Irons in the Fire: Iron Working in Early Egypt.

KAPIEC, Katarzyna (University of Warsaw) The Winged Sun Disc Motive: its Origin in Ancient Egypt and Spread to Other Cultures.

KLEIN, Solene (University of Oxford) The Material Culture of the Egyptian Funeral in the First Millennium BC. A Case Study of Canopic Jars.

KOHSE, Antje (Freie Universität) Deviant Burials from the Predynastic Period to the Middle Kingdom.

LOCK-CORNELISSE, Eva (University of Leiden) Birds in the Marshes: a Comparative Study and an Iconographic Analysis of the Birds in the Marshland Scenes in the Old Kingdom Elite Tombs in the Memphite Area.

MEKAWY OUDA, Ahmed M. (University College London) The Principal Epithet of Werethekau ‘Lady of the Palace’: a New Category for Analysis of Egyptian Religion.

MORGAN, Julie (Independent) The First Campaign of Shoshenq I Commemorated at the Temple of ElHibeh?

MUSSELWHITE, Sarah (University of Cambridge) Immigration in Late Egyptian History (c.1550–30 BC): Patterns of Cranial Shape Variation.

NASSAR, Mohamed Ali Mohamed (Fayoum University) A Social History of Hieratic Graffiti in 18th Dynasty.

NIFOSI, Ada (University of Kent) The Liminal Status of the Fetus and the Newborn in Graeco-Roman Egypt.

NILSSON, Maria (Lund University) Multicultural Commemorations: an Epigraphic Journey from Prehistoric Rock Art to Napoleonic Signatures at Gebel el Silsila.

OETERS, Vincent (University of Leiden) Recent Fieldwork in the New Kingdom Necropolis at Saqqara by the Leiden Mission.

PENACHO, Susan (University of Chicago) A Spatial Analysis of Sealings within the Nubian Fortresses of Uronarti and Askut.

PETROVICH, Douglas (University of Toronto) The Chronological Value of Tell el Dab’a’s Inscriptional Finds to the Dating of the Beginning of the Stratum d/1 at Avaris.

PIERCE, Krystal (Brigham Young University) The Cemetery at Deir elBalah (Gaza) in Light of New Kingdom Egyptian Cultural Identity.

PINARELLO, Massimiliano Samuele (University College London) An Archaeological Discussion of Writing Practice: Deconstruction of the Ancient Egyptian Scribe.

PORTER, Robert M. (Independent) Recent Egyptian Carbon Dating Projects and Dendrochronology.

RASHWAN, Hany (The School of Oriental and African Studies, University of London) A Pure Visual Rhetoric: the Hapax nḥkṯyw and its Literary Phonetic Graphic Metaphor.

ROBINSON, Joanne M. (University of Manchester) 'Blood is thicker than water': Cultural and Biological Influences and Outcomes of Consanguineous Marriage in Ancient Egypt.

ROBINSON, Peter (Independent) The Manchester 'Funeral' Ostrakon: a Sketch of a Funerary Ritual?

SACCO, Arianna (University of Leiden) People and Pots: Uncovering the Identity of the Hyksos.

SIMMANCE, Eleanor and GRIMSHAW, Laura (University of Birmingham) Texts, Context and Interpretation: Exploring Tutankhamun in the Birmingham Egyptology TuT Project.

SKUMSNES, Reinert (University of Oslo) Patterns of Change: Titles of Non Royal Women in New Kingdom Egypt.

SOARES, Felipe (Universidade de Lisboa) In the Antechamber of Persian Invasion. GraecoEgyptian Relations during the 26th Dynasty.

STONER, Jo (University of Kent) The Cultural Life of Monastic Baskets in Late Antique Egypt.

STÖVESAND, Katharina (University College London/University of Cologne) Ancient Egyptian Coffins as Communicative Media for Religious Visual Strategies: Lower and Middle Egyptian Coffins of the Late and Ptolemaic Periods.

TAKENOUCHI, Keita (Waseda University) Some Remarks on the Distribution of Stone Production in Predynastic Egypt: A View from the Analysis of Mudstone Artefacts.

TITZ, Pavel and MUSIL, Jiri (Charles University in Prague) El-Hayz Project: Current State of Knowledge on the Egyptian Western Desert Oasis.

WADE, Janelle (University of Chicago) Pharaonic Economy: a New Commodity-Based Approach to an AgeOld Discussion.

WALSH, Carl (University College London) Establishing the Proper Etiquette: Diplomacy and the Transmission of Court Lifestyles between Egypt and Kerma during the Middle Bronze Age.

WYATT, John (Independent) Bird Hieroglyphs: An Ornithologist's Viewpoint on their Origin and Subsequent Depiction.

YOO, Justin (King's College London) Mercenaries, Merchants, Migrants and Marauders: Greeks in Late and Persian Period Egypt.

Poster presentations

(in alphabetical order, excluding papers included in this volume)

DI PIETRO, Grazia A. (University College London) The 'CASEPS' Project. Integrating and Comparing Archaeological Evidence on Egyptian Predynastic Settlements.

EL MOURSI, Amira (Mansoura National Museum) 'Future plans for Community Engagement Activities of Mansoura National Museum at Shenawy Palace': Community Engagement in Egyptian Museums: Collaboration or Contestation?

KAHLBAUM-HOISINGTON, Kelsey (University of Maryland University College) It's All about the Bread Moulds: Analysis and Measurements Taken to Find Possible Standardization among Middle Hellenistic Bread Moulds.

KESHK, Fatma and SADDIK, Amira (Bibliotheca Alexandrina) The Causeway of Wnis (Ounas) from the Manuscripts of Selim Hassan.

KILROE, Loretta (University of Oxford) Deliberate Drips: Developments in Ceramic Decoration at the End of the New Kingdom in Nubia.

KUČOVÁ, Stanislava (Charles University in Prague) Bahariya Oasis: Trade Routes and Economical Situation during Late Roman Period.

MCGUINNESS, Kevin (Brock University) Drag Queen: the Liminal Status of the Bust of Queen Nefertiti.

MANSOUR, Ahmed (Bibliotheca Alexandrina) The Journey of Writing in Egypt.

ROHRET, Sasha (University of Chicago) The Giza Necropolis: an Analysis and Spatial Distribution of Age, Sex, and Pathology in Selected Human Remains from the Western Cemetery.

SHAWKI, Nora (Durham University) King Tutankhamun's Facsimile: Recreation as Preservation.

SHEPHERD, Sarah (University of Hull) The Bronze Age Sword Manufacturing in Egypt: the Khepesh.

SIFFERT, Uta (University of Vienna) From Object to Icon: Visual Reflections on and the Designations of Material Culture in the Reliefs and Paintings of Middle Kingdom Tombs.

TITZ, Pavel and MUSIL, Jiri (Charles University in Prague) El-Hayz Project: The Coarse Ware Pottery from the Czech Excavations.

UGOLINI, Federico (King's College London) Upper Adriatic and Egypt in the Roman Empire: Ports and Trade.

WASMUTH, Melanie (University of Basel) Being 'Foreign' in an Ancient Multi-cultural Society: the case of the Egyptians in Early Iron Age Mesopotamia.

WATT, Kimberly (University of Cambridge) Does Form Follow Function? What Functions can be Deduced from a Floor Plan?

ZERMANI, Isabel (University of North Carolina at Wilmington) Sharing the Story: Creating a Dialogue with the Past and Present Community.

Foreword

The theme of the fifteenth Current Research in Egyptology conference, ‘Ancient Egypt in a Global World’, is reflected in the ever growing success of this annual event in attracting papers and attendance by young scholars from across the world, and in the extraordinary variety of their interests and perspectives, which are illustrated in the 23 papers published in this volume.

Some common themes are discernible which reveal the new directions being taken in current Egyptological scholarship. First, the chronological range in all the categories of paper from the Early Dynastic through to Roman periods, with a very welcome – for a historian of Roman Egypt – increase in attention to the previously despised ‘late’ period. Second, the interest in technical practicalities of everyday life, including mining and quarrying and their tools, food storage and production, and animal mummification. Third, the aesthetics and social meaning of different forms of writing, and the role of digitisation in advancing this field of study. Fourth, the influence of Egyptian material as well as religious culture on contemporary societies in a global world stretching from India to Britain. It is heartening to note the quality and vitality of research being pursued by tomorrow’s professors in the field, including, despite current problems, the continuing fieldwork projects in Egypt and participation of Egyptian colleagues.

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Introduction

The fifteenth annual Current Research in Egyptology symposium (CRE XV) returned to London for the first time since 2003, when it was hosted by University College London (UCL). For the first time in CRE's history, two institutions, UCL and King's College London (KCL), jointly hosted the conference. This year's conference maintained the international spirit of previous CREs by bringing together speakers and attendees from all over the world, with over 170 international delegates who presented 75 papers, and 19 posters.

Building from last year's theme 'Crossing Boundaries', CRE XV's committee proposed an equally interregional and interdisciplinary theme of 'Ancient Egypt in a Global World'. This theme works on a number of levels highlighting the current global nature of Egyptological research – which encompasses a variety of different cross-disciplinary approaches, methodologies, and cross-cultural focuses – and it places ancient Egypt in the wider ancient world. The conference theme also showcased London as a global and multicultural hub of Egyptological research, with a pharaonic focus at UCL and a Graeco-Roman and latter periods focus at KCL. Additionally, it also highlighted how researchers and scholars of ancient Egypt can rely on other top-notch institutions in London, such as the School of Oriental and African Studies (SOAS), and museums such as the Petrie Museum and the British Museum. This diverse range and academic variety was reflected in the multiple topics covered in the conference papers and posters, including archaeology, biology, conservation, heritage preservation, social anthropology, and zoology, among others.

The first part of this proceedings volume includes reports from current work at different ancient Egyptian sites (PART I: CURRENT EXCAVATIONS):

AFIFI (Ministry of State for Antiquities, Egypt) and *DASH (Glen Dash Foundation for Archaeological Research)* present the results of recent excavations of four undisturbed 18th dynasty foundation deposits in the western Valley of the Kings.

CIAŁOWICZ ET AL. (Jagiellonian University) present the latest results of the Israeli-Polish mission at Tell Erani. Their excavations report includes the recent analysis of the city wall or fortification and finds dating to the Early Dynastic, including a mace-head.

NISHISAKA ET AL. (Waseda University) report on the on-going Japanese mission in the western Valley of the Kings to restore and preserve the paintings inside Amenhotep III's tomb.

ODLER (Charles University in Prague) draws on recent excavations at Abusir to discuss the meaning of copper model tools found in burials of Old Kingdom women.

WARD's (Independent) update on the on-going excavations at Gebel el Silsila concentrates on the *chaîne-opératoire* identifiable in the quarrying area of the site, dated between the Middle Kingdom and the Graeco-Roman Period.

WINTER ET AL. (*University of Western Australia/University of Evansville/University College London*) present the latest results of the excavations at Tell Timai (Thmuis) in the Delta. Their analysis of the structures, construction techniques, and food production and consumption remains allows the discussion of the available diet at the site.

The second part of the proceedings presents the papers which focus on the cross-cultural theme suggested for the conference (PART II: CROSS-CULTURAL STUDIES):

AUTIERO (*Sapienza Università di Roma*) discusses the presence in India of terracotta figurines from Roman Egypt. Her study concentrates on private piety connected to these small objects and how religious beliefs travelled with long-distance trade routes.

APOSTOLA (*University of the Aegean*) examines the ancient Egyptian influence of Aegean lion-headed divinities dated between the eighth and the sixth century BC in commercial Mediterranean context.

MUSHETT COLE (*University of Birmingham*) discusses Libyan influence in New Kingdom and Third Intermediate Period Egyptian administration, exploring degrees of integration and the extent of Libyan identity preservation.

JUDAS (*University of Pennsylvania*) investigates the motif of griffins as symbol of good relationships between the Aegean and Middle Kingdom to New Kingdom Egypt.

LUNDOCK (*King's College London*) uses the Portable Antiquity Scheme to identify, date, and discuss ancient Egyptian finds from the British countryside. His study also reflects on the cross-cultural impact of these objects in Roman-occupied Britain.

MINNITI (*University College London/New York University*) examines the cross-cultural relationship of *tanagra* figurines from Naukratis and the Mediterranean area, specifically Tarentum, during the later first millennium BC. Her study analyses shared material culture to define local identity in cross-cultural contexts.

SHALABY (*Freie Universität*) investigates the flint assemblage found in the area of copper and turquoise mines at Wadi Maghara in the Sinai. Her cross-cultural study interrogates the local microcosm to examine patterns of tools production.

The third part of the book includes current research undertaken across the world of Egyptology (PART III: CURRENT RESEARCH):

ATHERTON-WOOLHAM (*University of Manchester*) present their analysis of late Roman crocodile mummies for the Ancient Egyptian Animal Bio Bank at the Manchester Museum, though non-invasive radiographic imaging techniques.

BARDŌNOVÁ (*Charles University in Prague*) investigates Middle Kingdom supply patterns through a study on granaries and silos.

EZZAT (Bibliotheca Alexandrina) highlights issues of heritage conservation in her presentation of the project Digital Library for Inscriptions, Calligraphies and Writings, stressing the sense of continuity in Egyptian identity and the importance of global access through digitisation.

KILROE (University of Oxford) searches infant jar-burials in ancient Egypt and Sudan to identify differences in regional socio-economic contexts and the interaction between people and local resources.

KRISTENSEN (University of Copenhagen) questions the nature of private gardens depictions in funerary contexts also drawing on philological evidence.

McKNIGHT (University of Manchester) draws on the analysis of votive animal mummies to discuss the process and techniques of mummification in Egypt between the 26th dynasty and the Roman Period.

NUNN (Université Libre de Bruxelles) presents his research project to create a database of polychrome hieroglyphs available online. This project aims to aid the full understanding of the signs, not only from a strictly philological point of view, but also with a visual cognition approach.

PITKIN (Macquarie University) discusses the First Intermediate Period transition from false doors towards funerary stele for dating purposes.

SBRIGLIO (Università degli Studi di Milano/Freie Universität) and *UGLIANO (Università degli Studi di Milano/Università degli Studi di Trento)* reveal the unpublished Italian State Archive in Turin dealing with Ernesto Schiaparelli's reports, diaries, and correspondence during his digging years at Heliopolis for the Missione Archeologica Italiana.

THORPE (University of Auckland) analyses social behaviour through personal correspondence of complaints in Middle Kingdom to New Kingdom society.

Joint-hosting of CRE XV allowed us to share costs, venues, and to apply for funding from a wider array of sources. We would highly recommend that other potential bidders consider this arrangement in the future. In addition to being the first jointly-hosted conference in CRE's history, CRE XV also had some other notable firsts. Thanks to the generosity of the Egypt Exploration Society (EES) and the Institute of Classical Studies (ICS), we were able to offer bursaries for 22 student delegates to attend the conference. We are happy to see that CRE XVI's organisational committee at the University of Oxford along with the EES and ICS have been able to continue funding these same bursaries and we would urge future organising committees to maintain this.

We went to great lengths to give paper and poster presenters an equal platform to share their research and we feel that this was essential to ensure that young scholars at all stages of research were given an opportunity to participate in the symposium. For this proceedings volume we were able to boost paper submission numbers by allowing both paper and poster presenters to submit their written articles for consideration.

We also used an anonymous external peer review system for the first time. We believe that this benefits the CRE publication volume by helping CRE editors with the article selection process, helps prospective authors by allowing them to get expert feedback and improve their

writing, and better prepares young researchers with real-world journal selection processes that they will inevitably encounter in the future. We strongly recommend that future organising committees adopt this stratagem as best practice policies.

Finally, along with consultation from the CRE permanent committee members from 2013–2014 (Kelly Accetta, Gabrielle Heffernan, Virginia LaPorta, and Luigi Prada), we developed the CRE XV website (www.cregytpology.org.uk), Facebook and Twitter pages, with the thought that they would become the permanent CRE website and online social media presence, to be maintained by subsequent organisational committees. This proposal was ratified with a delegate vote at the CRE XV Annual General Meeting and we believe that this will streamline the organisational process for future committees, while also helping to better maintain continuity from year-to-year.

This year's CRE would not have been possible without the generous support of our home universities, UCL and KCL, and their respective sponsoring departments (the Institute of Archaeology at UCL and the Department of Classics at KCL). In addition to the aforementioned student bursary support from the EES and ICS, we wish to thank the Friends of the Petrie Museum (PMF) and the London Centre for the Ancient Near East (LCANE) for each sponsoring a reception at CRE XV.

CRE XV organisation greatly benefitted from the guidance of an informal steering committee comprised of Lucia Gahlin, Jan Picton, Hugh Bowden, Richard Bussmann, Chris Naunton, and Dominic Rathbone. The symposium would not have been as successful without the hard work and efforts of our organisational committee comprised of Courtney Bobik (also our webmaster), Stacy Hackner (poster designer), Ahmed Mekawy, and Carl Walsh at UCL, Yukiko Kawamoto, Jason Lundock, and Federico Ugolini at KCL, and Hany Rashwan from SOAS. We were also given invaluable advice from CRE XIV Cambridge organisational committee members (W. Paul van Pelt, Kelly Accetta, Renate Fellingner, Sarah Musselwhite, and Pedro Gonçalves) throughout the planning process.

Our sincere thanks go to our keynote speakers Alice Stevenson, Richard Bussmann, and Chris Naunton. Many thanks to our panel chairs Sarah Doherty, Lucia Gahlin, Micaela Langelotti, Jan Picton, and John Wyatt, who gave of their time and expertise to moderate sessions. During the conference, student volunteers helped to direct many of the day-to-day mundane minutia that were essential. These student volunteers were from both UCL and KCL.

We are particularly grateful to our expert anonymous peer reviewers, who worked on the first drafts of the papers in this volume, and Beckie Ryan and Caroline Barron, who copy-edited the final drafts of papers for this book. Last but not least, our thanks go to CRE XV poster-presenter and delegate, Isabel Zemani, who patiently designed the original artwork for the cover of this book, and to Robert Templing at KCL who handled all financial payments for us, acting as CRE's 'banker'.

Finally, we send our best wishes to the hosts of the next CRE Symposium to be held in Oxford in 2015. Further details about all CRE symposia are available online at cregyptology.org.uk.

Massimiliano Pinarello (UCL) and Justin Yoo (KCL)

Co-Chairs of CRE XV Organisational Committee