

## SEALS AND SEALING IN THE ANCIENT WORLD

### Case studies from the Near East, Egypt, the Aegean, and South Asia

Studies of seals and sealing practices have traditionally investigated aspects of social, political, economic, and ideological systems in ancient societies throughout the Old World. Previously, scholarship has focused on description and documentation, chronology and dynastic histories, administrative function, iconography, and style. More recent studies have emphasized context, production, and use, and, increasingly, identity, gender, and the social lives of seals, their users, and the artisans who produced them. Using several methodological and theoretical perspectives, this volume presents up-to-date research on seals that is comparative in scope and focus. The cross-cultural and interdisciplinary approach advances our understanding of the significance of an important class of material culture of the ancient world.

The volume will serve as an essential resource for scholars, students, and others interested in glyptic studies, seal production and use, and sealing practices in the ancient Near East, Egypt, ancient South Asia and the Aegean during the fourth to second millennia BCE.

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Edited by Marta Ameri , Sarah Kietl Costello , Gregg Jamison , Sarah Jarmer Scott

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# SEALS AND SEALING IN THE ANCIENT WORLD

CASE STUDIES FROM THE NEAR EAST,  
EGYPT, THE AEGEAN, AND  
SOUTH ASIA

*Edited by*

**MARTA AMERI**

Colby College

**SARAH KIELT COSTELLO**

University of Houston–Clear Lake

**GREGG JAMISON**

University of Wisconsin–Waukesha

**SARAH JARMER SCOTT**

Wagner College



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## NOTES ON CONTRIBUTORS

**Marta Ameri** received her Ph.D. in Art History and Archaeology from the Institute of Fine Arts at New York University in 2010. She is currently working as an Assistant Professor of Art History at Colby College where she teaches courses focusing on ancient, medieval, and Islamic art. Her research focuses on the role that seals play as markers of identity and as indicators of intercultural exchange in the ancient Near East and South Asia. Her dissertation catalogued and examined a group of seals and seal impressions found at the Chalcolithic site of Gilund in western India. Her current research focuses on the visual analysis of seals of the Indus Valley Civilization. She is also working on a detailed study of the seals and other artifacts of administration found at the site of Shahr-i Sokhta in Iran. She has excavated in Italy, Greece, Turkey, Syria, India, and Oman.

**Maria Anastasiadou** has worked at the *CMS* project in Marburg from 2007 to 2011 and has been co-supervisor of the *CMS* in Heidelberg since 2012. She has studied and worked in Athens, London, Marburg, Louvain-la-Neuve, and Heidelberg. Her research interests include Aegean glyptic, scripts, and administration as well as the attempt to reconstruct the cultural and political geography of the Aegean on the basis of the distribution of material culture. Anastasiadou has published extensively on the subject of Aegean glyptic and has taught numerous courses in the universities of Marburg and Heidelberg. She is currently the scientific co-supervisor of the DFG project *Minoische Siegelglyptik zwischen corpusartiger Erfassung und 3D-Forensik. Eine multidisziplinäre Dokumentation von 900 unpublizierten Siegeln aus dem Archäologischen Museum von Heraklion* at the Institute of Classical Archaeology of the Heidelberg University.

**Daphna Ben-Tor** is Jeannette and Jonathan Rosen Curator of Egyptian Archaeology at the Israel Museum, Jerusalem. Her research focuses on the study of scarabs of the second millennium BCE in Egypt and the Levant, in particular on the political and cultural implications of these scarabs in both regions. She has published extensively on the subject and her book *Scarabs, Chronology, and Interconnections: Egypt and Palestine in the Second Intermediate*

*Period* (2007) received the 2008 Irene Levi-Sala book prize in the category of substantial synthesis.

**Sarah Kielt Costello** is Assistant Professor of Art History at the University of Houston–Clear Lake. She is co-director of the Collections Analysis Collaborative (CAC), a research initiative with Rice University and Houston’s Menil Collection, focused on the art of the ancient Mediterranean world. She has conducted field research in Cyprus, Turkey, Israel, and Greece, and in 2013 studied in Greece as a Fulbright Fellow in the Summer Session at the American School of Classical Studies. Her publications are focused on the interpretation of early imagery in the Near East, including an article in the *Cambridge Archaeological Journal* on seals and the development of writing.

**Adam S. Green** is a Post-Doctoral Research Associate at the McDonald Institute for Archaeological Research at the University of Cambridge. He earned his Ph.D. from New York University, where, as a Fulbright–Nehru Student Scholar in India, he studied archaeological assemblages from sites throughout South Asia. He has conducted extensive fieldwork in Turkey and India, and is a research fellow on the TwoRains Project, a European Research Council funded interdisciplinary investigation of choice, strategy, and resilience in the Indus Civilization.

**Angela Murock Hussein** is a Post-Doctoral Researcher at Eberhardt Karls Universität Tübingen, an archaeologist with a specialization in Mediterranean prehistory, with a degree from Brown University. She has a field career that has taken her to projects in Israel, Italy, Egypt, and Greece, and has served as a university instructor for five years, an archaeological consultant and researcher for the Supreme Council of Antiquities in Egypt (presently the Ministry of Antiquities Affairs), and as a professional copywriter and editor for academic publications.

**Gregg M. Jamison** is an Assistant Professor of Anthropology at the University of Wisconsin–Waukesha. His research focuses on seal production and use in the Indus Civilization, combining experimental, ethno-archaeological, and formal stylistic approaches to link variability in carving styles and techniques with the social, economic, and political structures in which it took place. More broadly, Gregg is interested in craft production and the organizational dynamics of the world’s earliest urban societies. He has participated in excavations at the Indus sites of Harappa, Lothal, and Shikarpur. He received his Ph.D. from the Department of Anthropology at the University of Wisconsin, Madison.

**Steffen T. Laursen** is head of the Oriental Department at Moesgaard Museum in Denmark. He has worked extensively on the archaeology of the Dilmun Culture and was awarded the Aarhus University Ph.D. prize in 2012.

His main areas of interest are the trade relations, burial mounds, and seals of the Dilmun Culture. Laursen has directed excavations at the Royal Mounds of A'ali in Bahrain since 2010.

**Andrew McCarthy** has been Director of CAARI since June 2011. After completing his Ph.D. in 2003 at the University of Edinburgh, he was taken on as Honorary Research Fellow at the University of Edinburgh. Andrew's research interests are wide ranging, having done historical research in the USA, conducted fieldwork in Scotland, Croatia, Cyprus, and numerous places in the Near East, with a special concentration on Syria. Andrew studies the archaeology of the fifth to the first millennia BCE for much of the eastern Mediterranean basin, northern Africa, western and central Asia, and south-eastern Europe. He is the director of a landscape study in Cyprus, the Dhiarizos Viewshed Analysis Project (DVAP), which aims to interpret the ancient landscape of a region of Cyprus using GIS and Viewshed Analysis techniques. He also directs the Prastion-Mesorotsos Archaeological Expedition, a multi-disciplinary field project related to a prehistoric site in western Cyprus. Additionally, Andrew is a close collaborator on several other major fieldwork projects in Cyprus including the excavations at Souskiou-Laona Settlement and Cemetery (Edinburgh) and Excavations at Kissonerga-Skalia (Manchester).

**Erin McGowan** is a doctoral candidate in the School of Archaeology at the University of Oxford. Her research interests include Aegean Bronze Age economies, technologies, and the application of digital methods in archaeology. In 2014–15 she was the Richard Bradford McConnell student at the British School at Athens. She was a member of the Knossos Urban Landscape Project 2007–10, and is an ongoing member of the Knossos Gypsades Project team.

**John Nolan** has worked in Egypt since 1991. In 2010 he received his Ph.D. in Egyptology from the University of Chicago. His primary interest is the administration, economy, and chronology of Egypt's pyramid age. From 1998 until 2004 he was the Assistant Field Director of the Ancient Egypt Research Associates' (AERA) excavations at Giza, Egypt. From 2004 to 2014 he served as AERA's Associate Director and Senior Epigrapher.

**Asko Parpola** is Professor Emeritus of Indology at the University of Helsinki, Finland. His main research targets have been Sāmavedic texts and traditions (with fieldwork in South India); the Indus script, language, and religion; and linguistics and archaeology in Eurasia. His books include *The Śrautasūtras of Lāṭyāyana and Drāhyayaṇa and their Commentaries* (2 vols., 1968–69), *The Literature and Study of the Jaiminīya Sāmaveda* (1973), *The Sky Garment* (1985), *Deciphering the Indus Script* (1994), and *The Roots of Hinduism* (2015). He has

edited *South Asian Religion and Society* (1986 with B. Smidt Hansen), *South Asian Archaeology 1993* (2 vols., 1994, with P. Koskikallio), *Changing Patterns of Family and Kinship in South Asia* (1998, with S. Tenhunen), and *Early Contacts between Uralic and Indo-European* (2001, with C. Carpelan and P. Koskikallio). Parpola is the chief editor of the *Corpus of Indus Seals and Inscriptions* (3 vols. so far: 1987, 1991, 2010).

**Holly Pittman** received her Ph.D. in the art and archaeology of the ancient Near East from Columbia University, where she studied with Professors Edith Porada and Donald P. Hansen at the Institute of Fine Arts. She served as a curator in the Ancient Near East Department of the Metropolitan Museum of Art in New York City before moving to the History of Art Department of the University of Pennsylvania in 1989. She is the Bok Family Professor in the Humanities and Curator in the Near East Section of the Penn Museum. She has published extensively on the art and archaeology of Chalcolithic and Bronze Age Mesopotamia and Iran, focusing on the visual arts to explore questions of identity, interaction, and administrative practice.

**Yelena Rakic** is an Associate Curator in the Department of Ancient Near Eastern Art at the Metropolitan Museum of Art in New York. She received her Ph.D. from the University of Pennsylvania and is a consulting scholar at the University of Pennsylvania Museum of Archaeology and Anthropology. She edited *Discovering the Art of the Ancient Near East: Archaeological Excavations Supported by the Metropolitan Museum of Art, 1931–2010* (2010) and co-edited *Art of the Ancient Near East: A Resource for Educators* (2010), *Cultures in Contact: From Mesopotamia to the Mediterranean in the Second Millennium BC* (2013), and *Assyria to Iberia at the Dawn of the Classical Age* (2014).

**Ilona Regulski** is the Curator responsible for the papyrus collection and other inscribed material in the Department of Ancient Egypt and Sudan at the British Museum. Her areas of expertise include epigraphy and palaeography from the Early Dynastic period until the beginning of the New Kingdom with a (recent) focus on Middle Kingdom funerary and religious texts. Her academic research has focused on the written culture of ancient Egypt, thereby concentrating on inscribed material culture first hand, an approach that materialized in *A Palaeographic Study of Early Writing in Egypt* (2010). Moving on to the scribal culture of later periods, an Alexander von Humboldt fellowship at the FU Berlin resulted in the publication of a group of ritual papyri from Asyut in Middle Egypt; *Repurposing Ritual: A Case Study from Middle Kingdom Asyut*. Using the papyrus collection of the British Museum, Regulski aims to develop methods to understand material features of scripts and surveys conditions that could define standardization in handwriting.

**Sarah Jarmer Scott** received her Ph.D. in the history of art from the University of Pennsylvania in 2005. She has worked at the Metropolitan Museum of Art, and since 2007 has been teaching at Wagner College, where she is Associate Professor of Art History. Her dissertation examined Early Dynastic seal imagery from Ur, looking specifically at its relationship to early cuneiform writing. In addition to publications on Assyrian palace reliefs, she has published on curatorial projects at the Anderson Galleries in Buffalo, the pedagogy of art history, and community art and civic engagement. She has excavated in Italy, Tunisia, and Greece.

**Joanna S. Smith** is a Consulting Scholar for the University of Pennsylvania Museum of Archaeology and Anthropology (Mediterranean Section). She has authored and edited five books, including *Art and Society in Cyprus from the Bronze Age into the Iron Age* (2009). She has curated archaeological exhibitions in the United States and Cyprus, including “City of Gold: Tomb and Temple in Ancient Cyprus” at the Princeton University Art Museum in 2012–13. In 2015 she was the Kress Fellow in the Literature of Art at the Clark Art Institute and a Getty Residential Scholar at the Getty Research Institute.

**Stuart Tyson Smith** is currently Professor of Anthropology at the University of California, Santa Barbara. His research focuses on the dynamics of colonialism and cultural interactions between ancient Egypt and Nubia, exploring aspects of ethnicity and other axes of identity, ceramics and foodways, legitimization and ideology, society and economy, sealings and administration, and funerary practice. He is also an active field archaeologist, having participated in and led archaeological expeditions to Egypt and since 1997 to Sudanese Nubia, where he currently directs an excavation at Tombos. He has published *Wretched Kush: Ethnic Identities and Boundaries in Egypt’s Nubian Empire* (2003).

**Josef Wegner** is Associate Professor of Egyptian Archaeology in the Department of Near Eastern Languages and Civilizations at the University of Pennsylvania. He is also Associate Curator in the Penn Museum of Archaeology and Anthropology. Dr. Wegner’s work has focused primarily on the archaeology of Egypt’s Middle Kingdom. He has been excavating at Abydos in Egypt since 1994. Dr. Wegner’s most recent books are *The Sphinx that Traveled to Philadelphia: The Story of the Colossal Sphinx of Ramses the Great in the Penn Museum* (2015) and *The Sunshade Chapel of Princess Meritaten from the Per-Waenre of Pharaoh Akhenaten* (2016).

**Judith Weingarten**, M. Litt. (Oxford), is author of numerous articles and monographs on Minoan–Mycenaean glyptic art, its implications for social, economic, and political relationships, and cultural interactions between the Aegean and east Mediterranean and Egypt. Books include *The Zakro Master and his Place in Prehistory*, *The Transformation of Egyptian Taweret into the Minoan*

*Genius*, and *Minoan Cushion Seals: Innovation in Form, Style and Use in Bronze Age Glyptic* (with A. M. Jasink and G. Dionysio). She blogs at Zenobia: Empress of the East, and regularly reviews for the *Times Higher Education*.

**John G. Younger** is Professor of Classics at the University of Kansas. He has a BA in history from Stanford University and an MA and a Ph.D. in classics from the University of Cincinnati. Younger's research focuses on the Aegean and Classical Greek art. He has written books and articles on a wide variety of topics, most recently "Technical Observations on the Sculptures from the Temple of Zeus at Olympia" (2009) and "A View from the Sea" in *The Seascape in Aegean Prehistory* (2011).

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This volume was first envisioned after a conference session in 2011. From that first session at the annual meeting of the Society for American Archaeology to the next years' meetings of the Archaeological Institute of America and the American Schools of Oriental Research, a number of scholars discussed their work on seals and sealings and agreed that such a volume as this was long overdue. We thus would like to thank these professional organizations for providing such fruitful events for the blossoming of collaborative work.

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## PREFACE

**Joan Aruz**

The evocative title of the introduction to this book, “Small Windows: Wide Views,” alludes to the defining aspects of the seals and sealings: their minimal surfaces that contain a wealth of imagery and the breadth of their permeation into the fabric of a diverse array of societies. It is a work that follows in the tradition of volumes that cover the wide range of glyptic scholarship by Edith Porada, which extended from Cyprus to Bactria.<sup>1</sup> In fact, the very nature of seals themselves compels such compilations. They are markers of cultural identity, which is embedded in their forms, materials, and imagery. The intimate connection of seals with their owners is emphasized by the use of string-holes or ring settings to keep them physically close to the body as valued pieces of jewelry. An essential element in the trade process, seals traveled or were impressed on goods and documents that traveled, and they were often coveted abroad as amulets, adornment, or perhaps simply exotica. Their places of discovery as well as their depictions reflect the movement both of goods and of ideas, which make them precious witnesses to the exchanges among the cultures represented in this volume and beyond.

Such cultural intersections are explored in a number of contributions, especially the very first confrontation with the newly invented Near Eastern cylinder seal in the mid-fourth millennium BCE. These devices appear soon afterwards in Egyptian graves, probably in the context of the initiation of trading contacts, although the evidence suggests that – with their exotic depictions – cylinder seals were at first markers of status in the Nile Valley and only later used for sealing as a mechanism of control (Hill 2004; Honoré 2007). In tracing the origins, routes of transmission, and the adoption and adaptation of their distinctive imagery, as well as the profound impact of the administrative use of cylinder seals, scholars have underscored the importance of focusing on seals to illuminate any discourse on cultural contact (Hill 2004: chap. 5; Teissier 1987).

It is also significant that Egypt, in the transition from the third to the second millennium BCE, rejected the cylinder seal in favor of the stamp seal – a form that had also been introduced into the Nile Valley in the fourth millennium BCE (Honoré 2007: 34). By this time, most areas of the ancient world

represented in this volume can be easily recognized as primarily cylinder-seal cultures – retaining their original inspiration from the Mesopotamian heartland – or stamp-seal cultures using very distinctive forms and materials that immediately signify their places of origin. Among the latter is the Aegean region, where in the late third to early second millennium BCE Crete was inspired by Egypt to create “white” scarabs and scaraboids among a plethora of seal forms, while an administrative sealing system was adopted on the Greek mainland that appears to derive its main elements from the Near East, particularly Anatolia (Aruz 2008: 25 ff., 53–61; Weingarten 1997a). At the other end of the geographical spectrum, white burnt steatite seals of a square shape first appear in the Indus Valley in the mid-third millennium BCE, establishing there the use of stamp seals – some of which have iconographic features that appear to relate them to the arts of Mesopotamia, Iran, or even further west (Aruz 2003c). The stamp-seal tradition eventually spreads across a vast area extending to the Oxus and Persian Gulf regions. Both imports and the adoption in Dilmun of circular seals that eventually lose their original Harappan associations point to a complex network of commercial interactions, reinforced by such finds as a shell cylinder seal of probable Gulf origin and another with Indus-derived iconography, discovered at the site of Susa. They had been placed, along with copper implements and stone vases, in the *Vase à la Cachette*, which may represent a merchant hoard (Aruz and Wallenfells 2003: cat. nos. 202–04). A cylinder seal engraved with a worship scene and an Akkadian inscription identifying the owner as an interpreter of Meluhha further emphasizes that west Asian connections with the Indus Valley were consistent enough to require such a specialist (Aruz and Wallenfells 2003: cat. no. 303).

Merchant hoards and, at times, those of craftsmen include seals of various cultures, capturing moments in time during which glyptic traditions intersected in a variety of circumstances. An Assyrian merchant was buried in the early second millennium BCE with seals that may represent his activity over a geographical area extending from central Anatolia to the Indus Valley (Bernhardt-Wartke 1995; Aruz 1995b: 50–51; Harper et al. 1995: cat. nos. 41–43). Around that time in the commercial centers on the central Anatolian plateau, the use of cylinder seals by Mesopotamian and Syrian merchants seems to have inspired their Anatolian counterparts, previously entrenched in a stamp-seal tradition, to adopt the cylinder form and to combine foreign motifs with their own characteristic images and styles of carving. Further south, in Egypt, “foreigners and explorers who travel across the lands . . . delivered” an impressive dedication to the temple at Tôd in Egypt. The hoard included silver in the form of folded vessels and both stamp and cylinder seals derived from cultures extending from Minoan Crete to Bactria–Margiana, the source of their common and highly coveted material: lapis lazuli (Porada 2014;

Aruz 2014: 255–57). Similarly, lapis lazuli provides the shared feature of an assortment of Near Eastern cylinder seals most likely collected on Cyprus for shipment to Mycenaean Thebes, among them an impressive cylinder of an official in the royal Kassite court (Porada 1981: 68–70 [with an alternate explanation], 1982; Aruz 2013: 216–19, 2014: 258–59). Others had been recarved on the island – creating a mixture of Mesopotamian and local depictions that were included along with Cypriot originals and unworked examples in the treasure that was uncovered in a palatial jewelry workshop in the “Kadmeion” complex. It appears that these imports were being prepared – along with a locally crafted agate cylinder seal and both lapis lazuli and agate floral elements – for inclusion in elaborate jewelry that would appeal to the local elite (Aravantinos 2008; Aruz et al. 2008: cat. nos. 176–83). Even Near Eastern cylinder seals of lesser quality and inexpensive materials were appreciated enough in the Aegean world to be buried with their new owners – although such taste had no effect on the predilection for stamping rather than rolling in this part of the ancient world.

Around the same time, at the end of the fourteenth century BCE, a rich shipment headed for an Aegean port circulated in the eastern Mediterranean before sinking off the promontory known as Uluburun. Among its cargo was a collection of Near Eastern cylinder seals, one recarved, as well as scarabs, one of them a gold seal bearing the name of Nefertiti, along with gold jewelry elements – suggesting that they too may have been destined for a jeweler’s workshop. The two rather rudimentary Mycenaean seals on board have been interpreted as belonging to the emissaries accompanying the ship (Pulak 2008b; Aruz et al. 2008: cat. nos. 220–32).

While seals by their very nature as portable objects involved in the trading process and as status-enhancing exotica often enrich our picture of the intricacies of cultural interactions, at times they are also reflections of more intimate connections. The coming together of traditions has already been mentioned in connection with the Anatolian adoption of the cylinder-seal form and adaptation of its imagery in order to do business during the Old Assyrian trading period. Other historical realities may also have been reflected in the intercultural styles created in many different situations although, as Jennifer Gates (2002: 118) points out, one must be very cautious regarding the link between “style . . . and ethnicity or group identity without a direct social context that specifies possible function and meaning.” In her study of so-called Graeco-Persian seals – which fall outside the limits of this volume – she highlights the complex threads of interaction that led to the creation of such hybrid works. Cited among them is the large circular impression of a stamp seal of the Persian courtier Gobryas, an intimate of Darius the Great, impressed on the reverses of five Elamite documents in the Persepolis Fortification archive. They list large quantities of beer, wine, and cereal rations allotted to him, noting that Gobryas

carried a sealed authorization from the king (Hallock 1969: 213, PF 688; <http://OCHRE/Persepolis Fortification Archive>, texts: Fort. 758–104, 688, PF-NN 210, 1133, and 2533). While elements of Elamite tradition have been seen in this work, there can be no doubt that the imagery on this seal captures, as I have written before, the moment of attack in the spirit of Minoan and Mycenaean glyptic, a stylistic feature that reappears later in Greek animal studies (Aruz 2008: 237; Gates 2002: 108 ff.). Gates notes that the ethnicity of the seal carver is not of prime significance, and may not be discernible. Yet, while the subject matter of lions attacking a bull had resonance throughout the Achaemenid empire – this work clearly stands apart from glyptic to which it has been compared, such as a seal from Sardis with similar iconography (Dusinberre 2015: 240–41, fig. 143). The commissioning and use of this extraordinary mark of identity – intimately connected with its owner, a royal family member – may well have conveyed a specific message in the context of the Achaemenid imperialism, as did the seals of other courtiers that were created in Assyrian or Babylonian glyptic traditions (Colburn 2014: 788–92).

Close to a millennium earlier, very different conditions appear to have produced “intercultural”-style seals, inspired in part by the movement of craftsmen dispersed to foreign lands in the wake of the collapse of Minoan palatial society on Crete. The finest of these seals exhibit a subtle integration of Aegean and eastern styles, syntax, and iconography and may have been produced for an international clientele, by carvers entrenched in multiple carving traditions. As with the seal of Gobryas, the main focus is on scenes of animal attack, conveying notions of conquest and control that become metaphors throughout antiquity for royal prowess.

Seals – distinctive cultural markers – are invaluable witnesses to the paths of interaction and the complexities of exchange, which are often visible in their physical appearance. They were also survivors, among the most durable of ancient artifacts, produced in great quantities and preserving an enormous iconographic corpus that would otherwise have been lost. Their impressions – placed both on documents and on containers of many types and materials, either singly or in concert with other seals – give witness to innumerable transactions, bringing administrative systems to life. Their engravings, representing a multitude of styles and depictions, materials and techniques, provide a glimpse into the ways that individual patrons and seal carvers may have interacted, and how regional characteristics were developed and transformed. When viewed together, as in this volume, the power of seals to illuminate the past is greatly enhanced and the search for threads that bind them across the expanse of Asia and the eastern Mediterranean is intensified. Their vital role in the understanding of the ancient world deserves such an emphasis.

## ABBREVIATIONS

|                     |  |
|---------------------|--|
| <i>A. Delt</i>      | – <i>Archaiologikon Deltion</i>  |
| <i>AJA</i>          | – <i>American Journal of Archaeology</i>                                       |
| <i>ASAE</i>         | – <i>Annales du Service des Antiquités de l'Égypte</i>                         |
| <i>BaM</i>          | – <i>Baghdader Mitteilungen</i>  |
| <i>BASOR</i>        | – <i>Bulletin of the American Schools of Oriental Research</i>                 |
| <i>BCH</i>          | – <i>Bulletin de correspondance hellénique</i>                                 |
| <i>BIFAO</i>        | – <i>Bulletin de l'Institut Français d'Archéologie Orientale du Caire</i>      |
| <i>CahArchSubaq</i> | – <i>Cahiers d'archéologie subaquatique</i>                                    |
| <i>CAJ</i>          | – <i>Cambridge Archaeological Journal</i>                                      |
| <i>CMS</i>          | – <i>Corpus der minoischen und mykenischen Siegel</i>                          |
| <i>GM</i>           | – <i>Göttinger Miszellen</i>   |
| <i>IsIAO</i>        | – <i>Istituto Italiano per l'Africa e l'Oriente</i>                            |
| <i>IsMEO</i>        | – <i>Istituto per il Medio ed Estremo Oriente</i>                              |
| <i>JAOS</i>         | – <i>Journal of the American Oriental Society</i>                              |
| <i>JARCE</i>        | – <i>Journal of the American Research Center in Egypt</i>                      |
| <i>JCS</i>          | – <i>Journal of Cuneiform Studies</i>  |
| <i>JEA</i>          | – <i>Journal of Egyptian Archaeology</i>                                       |
| <i>JESHO</i>        | – <i>Journal of the Economic and Social History of the Orient</i>              |
| <i>JHS</i>          | – <i>Journal of Hellenic Studies</i>   |
| <i>JMA</i>          | – <i>Journal of Mediterranean Archaeology</i>                                  |
| <i>JNES</i>         | – <i>Journal of Near Eastern Studies</i>                                       |
| <i>JSSEA</i>        | – <i>Journal of the Society for the Study of Egyptian Antiquities</i>          |
| <i>MDAIK</i>        | – <i>Mitteilungen des deutschen archäologischen Instituts, Abteilung Kairo</i> |
| <i>OBO</i>          | – <i>Orbis Biblicus et Orientalis</i>  |
| <i>OJA</i>          | – <i>Oxford Journal of Archaeology</i>   |
| <i>RAssyr</i>       | – <i>Revue d'assyriologie et d'archéologie orientale</i>                       |
| <i>RdE</i>          | – <i>Revue d'Égyptologie</i>   |
| <i>WorldArch</i>    | – <i>World Archaeology</i>   |

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