

## Titles of papers read at the Seminar for Arabian Studies held in Aarhus 4–6 August 2023

NB All papers published in this volume of the *Proceedings* are in *italics*.

### STONE AGE AND PREHISTORY

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| Eleanor Preston  | The Ubaid in the Gulf: Interaction over land and sea (6th–5th millennium BCE)   |
| Richard Thorburn Cuttler,<br>Noura Hamad Al Hameli, Rémy Crassard,<br>Ahmed Abdalla El Faki, Peter Gerard Magee &<br>Mark Jonathan Beech | Functional, Ceremonial or Domestic? Neolithic Stone-<br>Lined Structures on Ghagha Island, Abu Dhabi, United Arab<br>Emirates                             |
| Maximilian Wilding, Inna Mateiciucová,<br>Jiří Otava & Jiří Šindelář   | The Al-Hajar Mts as a prehistoric refugium? On the<br>significance of karst for the habitability of mountain places<br>in the Central Al-Hajar Mts (Oman) |
| Matthew Dalton, David D. Boyer, Finn<br>Stileman, Jane McMahon & Melissa A.<br>Kennedy   | Large scale prehistoric landscape modification in the Arabian<br>Peninsula and Levant: stone clearance mounds of the harrat                               |
| Alžběta Danielisová, David Daněček,<br>Maria Pia Maiorano & Roman Garba  | Unique megalithic grave in Nafūn (al-Wuṣṭā Governorate,<br>south-central Oman) as a reflection of the collective<br>identities in the Neolithic period    |
| Maria Pia Maiorano, Tara Beuzen-Waller,<br>Mohammed Al Kindi, Vincent Charpentier,<br>Federico Borgi & Martin Pickford                   | The Early to Mid-Holocene geoarchaeological landscape of<br>Shaḡat and Urq Jadailah (Southern Rub al Khali, Sultanate of<br>Oman)                         |

### DILMUN

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|---|--|
| Masashi Abe, Ayano Yamada, Takuma Nagao &<br>Takashi Suzuki | The 7th Season of Excavations at Wadi al Sail, Bahrain:<br>Subadult Burials during Early Dilmun Period                                 |
| Ann Andersson   | Interregional contacts of Bronze Age Failaka Island: A<br>Perspective from the Bead Assemblage of the Danish 1958–<br>1963 Excavations |
| Hélène David-Cuny & Denny Frenez                            | Dilmun-inspired seals from the Oman Peninsula: Hints of a<br>local seal production driven by cross-cultural interaction?               |
| Caitlin Bonham Smith & Judith Littleton                     | Subsistence in the Land of the Two Seas  |

## EARLY BRONZE AGE ON THE OMAN PENINSULA

- Eli Dollarhide & Jennifer Swerida  
Beyond the Oasis: Three Seasons of Landscape Archaeology at the UNESCO World Heritage Site of Bat Oman
- Jonas Kluge  
*Closing the gap: Survey and Excavation at Ibra, Sultanate of Oman*
- Ali Abdu Al Meqbali, Daniel Eddisford,  
Michel de Vreeze, Hager Hasan Almenhali,  
Abdulla Al Yammahi, Hamad Fadel,  
Dia Al Tawalbeh & Sam Botan  
*Archaeological Excavations at Umm an-Nar Island 1959–2022*
- Maurizio Cattani, Francesca Barchiesi,  
Claudio Cavazzuti & Lorenzo Bonazzi  
Chronological sequence and regional variants in Early 3rd mill. BCE (EBA1) tombs: the case study of Ras al-Ḥadd and Ras al-Jins (Eastern Sharqiyah, Sultanate of Oman)
- Olivia Munoz, Kaïna Rointru, Marie Laguardia,  
Marianne Cotty, Paula Gomez Sanz,  
Caroline Renaux, Mathilde Jean &  
Maria Paola Pellegrino  
*Evolution of the funerary landscape and mortuary practices in the Hajar foothills during the Early Bronze Age: the case of the Bisya region (Sultanate of Oman)*
- Mathilde Jean, Martin Sauvage, Théo  
Mespoulet & Josselin Pinot  
The Umm an-Nar period at Bisya from the regional to the settlement scale: results from 2022–2023 survey and excavations of the French archaeological mission in Central Oman (FAMCO)
- Eric Staples, Emma Thompson,  
Robert Parthesius, Mai Al Mansoori,  
Alessandro Ghidoni, Robert Jackson,  
Jonathan Sharfman & Leqa Jawher Ali Al Zaabi  
*Zayed National Museum Bronze Age Ship Project*
- Lucas Proctor, Stephanie Döpfer & Conrad Schmidt  
*Hafit Period fuelwood preferences associated with early copper production at Building V, Al-Khashbah, Oman*
- Akshyeta Suryanarayan, Sophie Méry,  
Charlotte Marie Cable, Eli Dollarhide,  
Stephanie Döpfer, Daniel Eddisford,  
Michele Degli Esposti, Arnaud Mazuy,  
Jennifer Swerida, Michel de Vreeze &  
Martine Regert  
Meat, milk and ‘invisible’ organic products in pottery: results of ceramic lipid residue analysis of vessels from Bronze Age sites in SE Arabia
- Taichi Kuronuma, Takehiro Miki, Kantaro Tanabe &  
Yasuhisa Kondo  
*Mortuary archaeological landscapes and their background at the canyon of Al-Hajar mountains: Results of surveys in the Tanūf District 2022–2023*
- Corinne Castel, Jean-Luc Bertrand-Krajewski,  
Ninon Blond Lyon, Jacques É. Brochier,  
Bérénice Chamel, Taichi Kuronoma,  
Georges Mouamar, Pia Le Cauchois,  
Séverine Sanz, Sabine Sorin, Walid Al Ghafri,  
Mohammed Almur Al-Kalbani &  
Sulaiman Al-Jabri  
Main results of the Bat/al-Arid archaeological mission after two new years of exploration (ad-Dakhiliyah governorate, Oman)
- Tara Beuzen-Waller, K.E. Schmitt, L. Proctor,  
J. Unkelbach & C. Schmidt  
Can Early Bronze age ditches be used to study local water resource and palaeoenvironment? First results from the excavation of three ditches in Al Khashbah (Northern Oman).

## IRON AGE AND BEYOND

- Peter Sheehan, Mohammed Khalifa, Malak Al Ajou, Nour Al Marzooqi, Jaber Al Merri & Timothy Power *Aflāj Discoveries in al-ʿAyn – exploring and documenting the network of shafts and tunnels recently revealed below the streets of the modern city*
- Maria Paola Pellegrino, Francelin Tourtet, Cassandra Furstos, Anne Leschallier de Lisle, Yasmin Kanhoush & Julien Charbonnier *Five thousand years of human occupation in the Al-Ula valley: study of the pottery collected by the Al-Ula Cultural Oasis Project*
- Paige Paulsen, Ioana Dumitru, John Shannon, H  l  ne David-Cuny, Bradley Arsenault, Smiti Nathan & Michael Harrower *Social relations and lived experience at small mountain villages in Iron Age Oman.*
- Sebastiano Lora, J  r  me Rohmer, Abdulrahman Alsuhaibani, Pierre Dumas-Lattaque, Francelin Tourtet, Fokelien Kootstra & Saeed Al Ahmari *The urban sanctuary of Dh   Gh  bat at Dadan*
- Silvia Lischi *The Dhofar Coastal Culture (DCC): A New Player in the Historical Scenario of Iron Age Dhofar*
- Piotr Bielinski & Materusz Iskra *The core of an Iron Age II settlement in the mountains of Northern Oman. Omani-Polish investigations of QA 20 site near Ayn Bani Saydah – 2022*
- Stephanie Black & Derek Kennet *Iron Age settlement in the Rustaq area*
- Romolo Loreto *D  mat al-Jandal, a north Arabian oasis from the Assyrian period to the advent of Islam. Results and perspectives after field and remote seasons 2019–2022*
- Juan de Lara *The marzeah of Qaryat al-F  w. The Third-Century CE Frescoes and their Egyptian connections*
- Marie Laguardia *New data on the Necropolis of Th  j: Evolution of the Funerary Architecture*
- Asterios Kechagias *The Indian Origin of Ancient Ethiopians and Southern Arabs: Between Confusion and History*
- Hugh Thomas, Melissa Kennedy, Jane McMahon, Lauren Swift, Daniel Franklin, Olivier Rochecouste & Meshari Almalki *New Life to Structures of Death: The Reuse of Monumental Bronze Age Tombs in Northwest Saudi Arabia*
- Julian Jansen van Rensburg, Jamal Omar, Pierre Simeon, Matthew Jameson, Greg Williams & Michael Harrower *Site Distribution and the Longue Dur  e in NEOM, Kingdom of Saudi Arabia, from the Paleolithic to the Late Islamic Period*
- Aaron Koller *State formation, the transfer of writing, and trans-Arabian trade in the early Iron Age*

## ISLAMIC PERIOD

- Amir Zaribaf, Joseph Lehner, Abigail Buffington,  
Brendan Fisher, Ioana Dumitru, Bradley Arsenault,  
Alex Sivitskis & Eli Dollarhide
- Socio-political factors in the outset of large-scale copper production in Early Islamic Oman*
- Timothy Power, Michele Degli Esposti,  
Robert Hoyland, Rania Hussein Kannouma,  
Federico Borgi, Urszula Iwaszczuk, Elena Maini,  
Teresa Nicolosi & Seth Priestman
- The Second Season of the Sīniya Island Archaeological Project: The Late Antique Monastery and Associated Settlement*
- Robert Carter, Daniel Eddisford, Cordelia Hall,  
Noha Kamel Moussa, Hesham Nasr,  
Andrew Petersen, Roderick Regan,  
Ferhan Sakal & Frank Stremke
- Investigation of Two Early Islamic Period Sites in Qatar*
- José C. Carvajal López
- The ceramics of Yughbi (Qatar), one of the earliest Islamic sites of the Gulf*
- Seth Priestman, Nasser Al-Jahwari,  
Eve MacDonald & Derek Kennet
- Late Pre- and Early Islamic Urbanism, Security and Land Use on the Batinah Coast of Oman*
- Mustafa Ahmad & Ulrike Siegel
- Qurh/al-Mabiyat: New Insights into a Hijazite Town during the Early–Middle Islamic Period*
- Alexandre Monteiro, Paulo Costa,  
Filipe Castro, Rui Carita & Eisa Yousif
- Pearls, Spices and Trade: the Underwater Cultural Heritage Potential of the United Arab Emirates as told by the Archives and Maritime Archaeological Research*
- Alexandrine Guérin
- The discovery of the Murwab site by the Danish Expedition 1959 – Update of results, material culture and architecture, end of 8th to end of 9th century, Qatar*
- Sterenn Le Maguer-Gillon, Maureen Le Doaré,  
Colin Quentinet, François Cristofoli,  
Ajab Alotibi, Norah Alkhamis,  
Mohammed Alrajeh, Abdulmajeed Almahboob,  
Abdullah Bin Zidan, Ibrahim Almushiqih,  
Abdullah Alzahrani & Mashael Dugailbi
- New research on the Darb Zubayda: topography and water-management systems*
- Vladimir Dabrowski, Anaïs Marrast,  
Hervé Monchot & Axelle Rougeulle
- Rice meals, suckling lambs and tuna steak in the medieval Islamic Oman: Archaeobiological analyses on the domestic building (B94) of the harbour city of Qalhât (Oman, 13th–16th c. CE)*
- Alexia Rosak, Maureen Le Doaré,  
Cassandra Furstos, Maria Paola Pellegrino,  
Francelin Tourtet, Yasmin Kanhoush &  
Julien Charbonnier
- The qanats of al-Mabiyat (Kingdom of Saudi Arabia): mapping and investigating an abandoned waterscape around the Abbasid city of al-Qurh*

Martina Renzi, Nawaf Almeteri, Fatimah Bintalib,  
Justine Gaborit, Adonice-Ackad Baaklini,  
Niels Fourchet, Pierre-Lou Schang,  
Blandine Besnard, Yves Bière, Clément Joseph,  
Anne de Lamotte, Noémie Mattana, Eliza Pleuger,  
David Serres & Thaer Yarta

*Preliminary results of the first investigation campaign of a palatial complex in the World Heritage Site of At-Turaif District in Diriyah (Riyadh, KSA)*

Irini Biezeveld

Traditional villages in central Oman: New views on the emergence and decline of 17th–20th century sites

Michela Gaudiello, Stephan Blum &  
Sabatino Laurenza

*The Islamic mining settlement of al-Ṣalaylī: results of the first excavation season*

Karol Juchniewicz & Agnieszka Lic

Recent research at the Early Islamic site of Jumeirah, Dubai

Saeed Alahmari, Wissam Khalil &  
Paul Christians

‘Islamic’ Burials and the Ethical Treatment of Human Remains in AlUla

#### EPIGRAPHY AND TEXT

Peter Stein

*South Arabian documentation on wooden sticks: A résumé fifty years after discovery*

Anne Multhoff

*The ‘al-‘Uqla texts’ revisited*

Asmahan Al-Garoo

Epigraphy of Oman: A New discovery

Ferhan Sakal

A Review of the Rock Art in Qatar

Mohammed A. Atbuosh

*The Quranic ʿAbb, as a South Arabian magical formula*

#### REPRESENTATIONS

Helen Canaud & Apolline Vernet

*Behind the camera, photographic approaches through the archives fond of AlUla Old Town*

Awet Teklehimanot Arawa

Reflections on the representation ‘Africans’ in Bahrain in drawing collections of C.D. Belgrave

Beth Derderian

Displaying Arabia Felix: The Phillips and Foster Collections in Defining Arabian Archaeology and History in American Museums

Amber Zambelli

Encountering Wendell Phillips in the archives: observations on the American Foundation for the Study of Man’s place in the history of Arabian archaeology

Rizvan PS

Transoceanic Connections of Early Historic Tamilakam and the Arabian Peninsula

Shaima Sherif

Behind the loom: An ethnographic study of the reconstitution of al-Sadu in Qatar

<i>Hafis Chalthodi</i>	<i>Aden and Malabar: Trade and religious network between an Arabian port and Malabar coast</i>
Mohamed Hesein, Mohammed Ali K. Al-Belushi & Nasser Al-Jahwari	Urban Change-Related Risks to Built Heritage in Muscat Governorate, Sultanate of Oman
Norbert Weismann	The significance of the shāsha on the Batinah Coast, Oman

**SPECIAL SESSION****The Bronze Age — 70 years on... what we have learned, and what we still don't know**

Steffen T. Laursen	Introduction
Marta Luciani	The walled 'urban' oases 'culture' in Northwest Arabia: 4th to 2nd millennium BCE
Arnulf Hausleiter	The Bronze Age in Northwest Arabia – A view from Tayma
Michael Harrower	Bronze Age Societies of Yemen and Dhofar
Olivia Munoz	The pan-Arabian c. 3000 BC monumental tumuli complex
Nasser Al-Jahwari, Khalid Douglas & Mohamed Hesein	Early Bronze of SE Arabia - origins and evolutions focused on the Hafit to Umm an-Nar transition
Stephanie Döpfer	The Umm an-Nar to Wādī Sūq Transition as seen from Oman
Michel de Vreeze	What is this thing called 'Wādī Sūq'. A view from the Northern Emirates
Lloyd Weeks	Bronze Age Metal Exchange in the Greater Persian Gulf region
Dennys Frenez & Akinori Uesugi	Beyond Trade: The Intricacies of Indus Civilization Interplay with Dilmun during the Bronze Age
Steffen Laursen	Dilmun's Cultural & Economic Boom
Felix Riede, Robert Carter, Derek Kennet, Peter Magee & Adrian Parker	Panel's remarks

**KEYNOTE ADDRESS****The Society of Antiquaries of London, Beatrice de Cardi Keynote Lecture**

Adrian Parker	Arabian Palaeoenvironments and climate change during the Arabian Bronze Age (3500–1000 BC)
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**POSTER PRESENTATIONS**

Ammar Albanna & Federico Borgi	The Late Islamic Kilns on Sinīya Island, Umm al-Quwain: A Case Study in the Industrial Archaeology of Arabia
Hajer Almenhali, Ali Sadu Al Meqbal & Daniel Eddisford	Hili 14 Metallurgy

Ajab M. Alotibi	Mining settlements in Dawadmi Governorate of the Kingdom of Saudi Arabia. Archaeological study. Halit (Al-Najadi) settlements. Middle of Saudi Arab Archaeological Study
Mohammed Alqahtani et al.	The archaeological survey and excavation of Tarout and Darin Islands
Awad Alqarni et al.	The National Antiquities Register (Registration of archaeological sites)
Alradhan et al.	The role of women in ancient times
Flaminia Angelici, Alfredo Coppa & Francesco Genchi	The collective tombs of Daba (LCG1 and LCG2) (Musandam, Sultanate of Oman) from the Bronze Age to the Iron Age, skeletal population analysis
Leila Araar	Interpretative 3D reconstruction: Visualisation and Analysis of Umm an-Nar Domestic Architecture
Robert Bewley	Recent discoveries from the Aerial Archaeology in Jordan (AAJ) project
Tracey Cian	The social and cultural significance of Iron Age snake figurines in south-eastern Arabia
Stephanie Döpfer	Pictures of a Society – Report of the first 2023 field season on rock art studies in the Wilayat Al-Mudhaybī, Sultanate of Oman
Maria Gajewska, Leila Araar, Rosalind MacDonald, Charlotte Nash-Pye, Alix Normandeau, Eve MacDonald & Seth Priestman	Seeb Community History Project: A Medieval Town on the Omani Coast
Francesco Genchi & Guido Antinori	Exploring the Significance of Ground Stone Tools in the Daba Funerary Complex
John Laffe, H�el�ene David-Cuny, Alex Sivitkis, Paige Paulsen, Ken Livi, Daniel Vi�ete & Michael Harrower	Where did all the stone come from? The soft-stone production site of ‘Aq�ir al-Sham�us and nearby outcrops
Laurine Poisson & Apolline Vernet	The collections of the MuDUD project in the Old Town of AlUla: case study of a contemporary archaeological site and the issues raised by its material
Salem Al-Qahtani et al.	Tathleeth Site Survey in Asir Region
Daniel Sch�afer, Andrea Intilia & Arnulf Hausleiter	Early 20th century AD finds on a Bronze Age site in al-Ula
Laura Strolin, Melissa Kennedy & Hugh Thomas	Animals and rituals in Neolithic northwestern Arabia: the case of mustatil IDIHA-F-0011081

