## Titles of papers read at the Seminar for Arabian Studies held at the University of Leiden, 11–13 July 2019

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

<b>A</b> RABIAN	<b>PREHISTORY</b>
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Joe Roe & Tobias Richter Mutable mobilities: 15,000 years of nomadic settlement in the Qa<sup>c</sup>

Shubayqa, eastern Jordan

Michele Degli Esposti The first season of excavation at UAQ38, a Neolithic coastal

campsite in the Umm al-Quwain Emirate (United Arab Emirate)

Susanne Lindauer, Marc Händel,

Peter Magee & Carl Phillips

Radiocarbon Reservoir Effects of shells from SE Arabia -

Implications for Chronologies

Mahmoud Abbas OSL chronology and paleoclimatic implications of Late Quaternary

lacustrine sediments in Jordan desert

Julien Charbonnier, Maria Paola Pellegrino, Aurélien Hamel, Michele Degli Esposti, Camille Hut, Thomas Sagory, Sabine Sorin, Marilisa

Buta & Anne Benoist

The latter half of the second millennium BC in the light of recent

excavations at Masafi-5 (UAE)

Maria Pellegrino, Sophie Méry, Anne Benois, Sophie Costa &

Iulien Charbonnier

Provenance, exchange and mobility: new evidence from the north of UAE

pottery during the Late Bronze Age and early Iron Age

James Roberts, Lloyd Weeks, Melanie Fillios, Charlotte Cable, Yaaqoub Youssef al-Ali, Mansour Boraik

& Hassan Zein

The Remains of Fish and other Marine Animals at Saruq al-Hadid: Insights into the utilisation of marine resources in the interior of

southeastern Arabia during late prehistory

Stephanie Döpper & Conrad Schmidt

Nothing but tombs and towers? Results of the Al-Mudhaybi Regional

Survey 2019

Jennifer Swerida, Charlotte Cable &

Eli Dollarhide

Survey and Settlement at Bat: New Directions of the Bat

Archaeological Project

Arnulf Hausleiter, Alina Zur & Michèle Dinies	The early history of the oasis of Tayma
Alexandre De Rorre, Jean-François Berger, Massimo Delfino, Jonathan M. Kenoyer, Elena Maini & Valentina Azzarà	The Ras al-Jinz reloaded: resuming excavations at the edge of Arabia
Nasser Al-Jahwari, Khaled Douglas & Mohammad Hussein	Al-Ghoryeen, Um an-Nar settlement in Al-Mudhyabe, Excavations 2018
Maurizio Cattani, Jonathan Mark Kenoyer & Dennys Frenez	Excavations in 2018–19 at Ras al-Hadd HD-1, Sultanate of Oman: New Insights on Site Size, Chronology and Function
Christoph Schwall & Sabah A. Jasim	Assessing Kalba: new fieldwork at the Bronze Age coastal site Kalba at the Gulf of Oman (Emirate of Sharjah, UAE)
Jonathan Kenoyer, Dennys Frenez, Laure Dussubieux, Randall Law	Stone bead production and trade in the Oman Peninsula during the 3rd to 2nd millennia BCE
Łukasz Rutkowski	What is with that floor? Some thoughts on organization of the burial space inside QA 1-1, an Umm an-Nar tomb in Wadi al-Fajj (Oman)
Michel de Vreeze, Bleda Düring & Eric Olijdam	The Late Wadi Suq period in the Sohar Hinterlands
Paul Yule & Burkhard Vogt	The onset of south-eastern Arabia's earliest extant copper-alloy arrow-heads, in the Wadi Suq period?
Akinori Uesugi, Masashi Abe, Takeshi Gotoh & Kiyohide Saito	Excavations at Wadi al-Sail, an Early Dilmun cemetery in Bahrain 2015–2019
Guillaume Charloux, Maria Guagnin & Jérôme Norris	A Reflection on some rock art traditions of large-sized camels in western Arabia
Iron Age Arabia	
Peter Akkermans, Merel L. Brüning, Monique Arntz, Sarah A. Inskip & Keshia A.N. Akkermans	New Research into the Bronze Age and Iron Age Burial Cairns of Jebel Qurma, Northeastern Jordan

Steven Karacic, Ali Abdu Rahman Al Meqbali, Abdulla Khalfan Al Kaabi, Dia Eddin Abdullah Altawallbeh, Hamad Ahmed Fadel & Peter Magee Renewed research at the Iron Age II site of Hili 2 (Emirate of Abu Dhabi, United Arab Emirates)

Genchi Francesco

New Late Iron Age burials from Dibbā collective grave: a case of cultural continuity

Michael J. Harrower, Joseph W. Lehner, Smiti Nathan, Ioana A. Dumitru, Frances Wiig, Katie Simon, Daniel R. Viete, Kenneth J.T. Livi, Luc B. Renaux & Michael R. Tritsch Metallurgy in the Desert: New Investigations at the Iron Age site of 'Uqdat al-Bakrah (Safah), Oman

## LATE PRE-ISLAMIC ARABIA

Sebastiano Lora

Snakes in the Temple at the Oasis of Tayma, (NW Arabia)

Anne Benois, Iwona Gajda, Steven Matthews, Jérémie Schiettecatte, Ninon Blond, Saskia Büchner & Pawel Wolf On the diffusion of possible Sabena influences in Ethiopia during Antiquity. A view from the margins of the eastern Tigray plateau

Bruno Overlaet

Late Pre-Islamic Wine sets in SE-Arabian funerary contexts

Jérôme Rohmer

The Thaj Archaeological Project: results of the first three field seasons (2016–2018)

Pierre Lombard, Bérénice Chamel, Julien Cuny, Marianne Cotty, François Guermont, Robert Lux & Lionel Noca Recent French Excavations at Abu Saiba. New data on the Tylos Phase of Bahrain (c. 200 BC–300 AD)

## ISLAMIC ARABIA

Fabien Lesguer & Jérémie Schiettecatte

Jose Carvajal López, Kirk Roberts, Laura Morabito, Gareth Rees, Frank Stremke, Anke Marsh, David M. Freire-Lista, Robert Carter & Fayṣal 'Abd Allāh al-Na'īmī A 9th–10th century pottery workshop at al-Yamāma (Central Arabia)

The Dawn of the Islamic Era? The excavation of Yughbī in the Crowded Desert of Qatar

Alexia Pavan & Chiara Visconti

Trade and contacts between Southern Arabia and East Asia, the evidence from Al Baleed

I.ATER	ISLAMIC	ARABIA

Abdullah M Alsharekh Old Discovery, New Interpretations: Islamic rock art from Al Jawf

region, Saudi Arabia

Mick de Ruyter Kalba and dāw in Khaliji art: tracing extinct dhows in Arab and Persian

iconography

Tim Power, Mark Horton, Omar Salem al-Kaabi, Mohamed Matar al-Dhaheri, Myriam Saleh al-Dhaheri & Noura Hamad al-Hameli Excavations at the Old Fort in Stone Town, Zanzibar: New Evidence for

Trade between the Swahili Coast and Arabian Peninsula

Yiliang Li Rethinking the Models of the Western Indian Ocean Trade Networks

in the 9th-15th Centuries: Exploring the Distribution of Chinese

Ceramic Imports in Arabia and Its Ambient

Seth Priestman Late Islamic Ceramic Exchange Networks in the Gulf: New Evidence from

Jazirat al-Hamra in Ras al-Khaimah

Pottery from the Al Zubarah Souq Agnieszka Bystron

Lily Filson & Mohamed Al-Haj Documenting the Destruction of Yemen's Islamic Heritage: The Case

of the Omar Mosque and School of Ibb

LANDSCAPE IN ARABIA

Abigail Buffington, Kyle Olson, Joe Roe, Ali A. Al Kathiri &

Joy McCorriston

Over Mountains and Through Woods: Survey Results and Preliminary Spatial Analysis of the 2018 Field Season of the

Ancient Socio-Ecological Systems in Oman (ASOM) Project

Waterfront and Underwater Archaeology of Failaka Island, Kuwait Magdalena Nowakowska

Corinne Castel, Olivier Barge, Blandine Besnard, Tara Beuzen-Waller, Jacques Élie Brochier, Lionel Darras, Emmanuelle Régagno & Séverine Sanz

First discoveries of the Bāt-al-Arid Mission (Sultanate of Oman)

Roman Garba, Ivo Světlík, Denis Stefanisko, Dominik Chlachula, Maria Pia Maiorano, Dagmar Dreslerová & Waleed Hamad al-Ghafri

Trilith monuments of Southern Arabia: preliminary results of excavation seasons 2018–2019 and implications on triliths

chronology

Joy McCorriston, Kimberly Williams, Abigail Buffington, Kyle Olson, Konstantin Pustovovtov, Sarah Ivory & Annalee Sekulic

Monuments, Resources, and Landscape Dynamics in the Jabal Qara, Dhofar

## **ARABIAN LANGUAGES**

Fokelien Kootstra Ritual and legal practice in Ancient Arabia: the case of the Dadanitic

zll ceremony

Imar Koutchoukali Himyar b. Šurahbīl witnessed: South Arabian anthroponomastics in

the earliest Islamic sources

Jason Weimar Towards a Deeper Understanding of the Ancient South Arabian Tax System:

New Insights on the hrs from the Leiden and Munich Minuscule Inscriptions

SPECIAL SESSION: STONE TOOLS IN ARABIA

Bonilauri Stéphanie & Beshkani Amir The Variability within Bifacial technologies found in Adam Region,

Oman

Vitaly Usik & Yamandú H. Hilbert What makes a Levallois core Nubian, type-list or classification?

Rémy Crassard & Yamandú H. Hilbert The Middle Paleolithic of central and northern Saudi Arabia and

their implications on demographic dispersals

Beshkani Amir The extent of the Normalization of Nubian Cores and the Use Life of

Nubian Debitage

Knut Bretzke On the diversity of the Paleolithic record in Sharjah, UAE

Anthony Sinclair Palaeolithic or Stone Age: exploring a language for the

archaeological record of the first hominins in Arabia

Yamandú H. Hilbert Technological and typological variability of Upper and Late

Palaeolithic stone tool assemblages from South Arabia

Inna Mateiciucová, Denis Štefanisko,

Gerhard Trnka & Maximilian Wilding

Heiko Kallweit & Mark Beech

A new lithic site at the sediment-filled depression Hıayl Al-Āja on

the eastern side of Jebel Kawr, North Oman

Lithics from Dalma Island excavations – remarks on the lithic

collections from Dalma island excavations 1992-2014

Denis Štefanisko Behind the Border: The chipped industry of 'Ainab 1A, Early Pre-Pottery Neolithic B (8500-8100 cal. B.C.) site at Jabal 'Ainab (Southeast Badia, Jordan) Micro-wear analysis on Epipalaeolithic and PPN chipped stone Anne Jörgensen-Lindahl assemblages from southwest Asia – past and present Maria Maiorano, Mohammed Al Kindi, Living and moving around the area of Maitan: Neolithic workshops Vincent Charpentier, Martin Pickford, and regional exchanges in Southern Rub al Khali (Sultanate of Jérémie Vosges, Ahmed Qatan, Oman) Dominique Gommery, Grégor Marchand & Federico Borgi Hans Gebel The Hamrian Punch. Cone Shell Meat Extraction in Coastal Oman's Later Prehistory. A Replicative System Analysis Ullrich Ochs A Hafit Period Stone Tool Assemblage from Al-Khashbah, Sultanate of Oman Mark W. Moore, Lloyd Weeks, Bronze Age microlith technology at Saruq-al Hadid, Dubai Charlotte Cable, Yaaqoub Yousif Ali-Ali, Mansour Boraik Radwan & Hassan Zein Silvia Lischi & Yamandú H. Hilbert Preliminary investigation of the lithic industry from the Iron Age coastal settlement at Inqitat (HAS1), southern Oman POSTER PRESENTATIONS Amira ALshehhi Documenting Al-Shasha Construction Technique along the Batinah Coast Hasan Ashkanani Ceramic Production and Raw Materials Preference in Kuwait, from Ubaid period to the Bronze Age Caitlin Bonham Smith & Judith Littleton Dietary analysis using stable isotopes from Bahrain: some preliminary results F. De Cataldo, F. Genchi, Funerary variability and long-term reuse in Daba collective grave M. Ramazzotti & A. Coppa from the first millennium BC

David Freire-Lista, Jose C. Carvajal López, Robert CarterMartina Renzi & Fayṣal 'Abd Allāh al-Na'īmī	Analytical Characterisation of the Building Stones of Yughbī Archaeological Site (NW of Qatar)
So Hasegawa, Risa Tokunaga, Shin-ichi Nishimoto & Abdulaziz al-Orini	New Perspective on the Site Plan of al-Hawr $\bar{a}^{_{7}}$ , a Medieval Port Site on the Red Sea Coast of Saudi Arabia
Matthew Jameson	'Imperial' Encounters in the Gulf during the Late Pre-Islamic Period: The Parthian Glazed Pottery from Southeastern Arabia
Abdulla Khalfan al Kaabi, Ali Abdul Rahman Al Meqbali, Dia Eddin, Dominic Tomasi & Peter Spencer	Recent Fieldwork at Hili 14 (Abu Dhabi, United Arab Emirates)
Anna Lipp	Mapping Irrigation in Iron Age II (1000–600 BC) of Southeastern Arabia
Peter Magee, Marc Handel, Norbert Buchinger, Ali Abdu Rahman Al Meqbali, Abdulla Khalfan Al Kaabi & Steve Karacic	New Excavations at the Bronze Age Site of Hili 8, Al Ain, Abu Dhabi
Cornelius Meyer, Nikolaas Noorda, Arne Anderson Stamnes, Rudolf Kniess & Sabah Jasim	Geophysical prospection at Mleiha (Emirate of Sharjah, United Arab Emirates)
Takehiro Miki, Taichi Kuronuma, Hiroyuki Kitagawa & Yasuhisa Kondo	Cave use in the Wādī Sūq period at Wādī Tanūf 1, Ad-Dhākhiliyah, Oman
Olivia Munoz, Hervé Guy, Yann Ardagna, Anne-Gaëlle, Pauline Jaccard & Marie Laguardia	The Bronze Age Tombs at Jebel Sfaiq (Masirah Island, Sultanate of Oman)
Harriet Nash	Star Knowledge and Falaj Management in Rustaq, Oman
Nathalie Smits, Laura Llorente-Rodríguez, Arturo Morales-Muñiz, Bruno Overlaet, Eisa Yousif & Sabah Jasim	The mollusc assemblages from Dibba al Hisn (Sharjah, UAE)

Anna Smogorzewska Pottery from Bahra 1 (Kuwait). New data on pottery traditions in

the Neolithic Gulf

Agnieszka Szymczak Re-worked potsherds at the Ubaid-related site of Bahra 1 (Kuwait)

Thomas Van de Velde The Arabian Gulf as a market area for Elamite-exploited bitumen: a

synthesis of geochemical data

Marcin Wagner Aynuna – new pottery production site during the late Roman times

Norbert Weismann The shāsha

Maximilian Wilding & Inna Season 1 at the intermontane prehistoric location of Huayl Al-'Āja,

Mateiciucová Wilayat Hamra, Northern Oman

Ying-Li Wu et al. Preservation of prehistoric petroglyphs in Salut, Sultanate of Oman

as a source for absolute dating and paleoenvironmental studies

Zuzanna Wygnańska et al. Small but important: Beads trade and production in Saruq al-Hadid,

UAE

KEYNOTE LECTURE

Marta Luciani Changing Paradigms of Research: the Arabian Peninsula