N-TAG TEN

Proceedings of the 10th Nordic TAG conference
at Stiklestad, Norway 2009

Edited by

Ragnhild Berge
Marek E. Jasinski
Kalle Sognnes

BAR International Series 2399
2012
## Contents

**Kristian Kristiansen**  
Nordic TAG 1985-2009: Past and Future ................................................................. iii

**Ragnhild Berge, Marek E. Jasinski and Kalle Sognnes**  
Introduction ........................................................................................................ xi

**Excavating Iconic Features and Symbols: Materiality of Monuments, Imagery, Texts, Structures, and Artefacts**

**Tiina Aikäs**  
Quartzite at a sieidi: a new life of an offering site? ................................................. 1

**Cecilia Ljung and Susanne Thedén**  
Without a trace? Rituals and remembrance at rune stones ...................................... 9

**Per Nilsson**  
Reused rock art: Traces of Iron Age activities at Bronze Age rock art sites ............. 19

**Þóra Petursdóttir**  
Material memories among pre-Christian graves in Iceland ...................................... 31

**Christian L. Rodsrud**  
What can a little bird tell if all good things come in threes? Triple cups and bird-shaped pottery as representations of ritualized feasting goods ........................................ 41

**Ylva Sjöstrand**  
Images of the non-conceivable. On pictorial mimesis within rock art research .......... 53

**Joakim Wehlin**  
Accompanying the stone ships. Circular stone settings in relation to the Gotlandic ship settings ....... 59

**Roger Wiksell**  
Hard rock studies: cup marks in Eastern Svealand .................................................. 71

**Evolutionary Dimensions of Technical Change**

**Mads Dengso Jessen**  
Material culture and the construction of religious niches ....................................... 79

**Felix Riede**  
Theory for the a-theoretical: Niche construction theory and its implications for environmental archaeology ......................................................... 87

**Felix Riede, Jan Apel and Kim Darmark**  
Cultural evolution and archaeology. Historical and current trends.......................... 99

**Innovations: Novel Ways in the Past**

**Vesa-Pekka Herva, Janne P. Ikäheimo, Jari-Matti Knuelia and Kerkko Nordqvist**  
Close encounters of the copper kind ................................................................. 109

**Zsófia Kölcze**  
Import vs. imitation? Towards an understanding of Early Bronze Age weapons in Southern Scandinavia ................................................................. 117

**Søren M. Sindbæk**  
Enter the gripping beast. Innovations and actor-networks in Viking Age towns ........... 129
From Foreign Country to Big Business: Socio-Economic Perspectives on Heritage/the Past

Görel Nilsen
Cultural heritage tourism in the North: Making information about vulnerable Sámi heritage sites accessible to the public or not? ................................................................. 137

Alle Omland
The values archaeologists ascribe to archaeological artefacts: the impact of workplace .............................................. 145

The Materiality of Modernity: Archaeology and the Rise of Modern Society

Lise Loktu
Clay pipes and the habitus of tobacco consumption. An archaeological study of tobacco consumption with special reference to seventeenth century Trondheim .................................................. 157

Social Dimensions of Technological Change

Lise Bender Jorgensen
The introduction of sails to Scandinavia: Raw materials, labour and land ................................................................. 173

Lotte Eigeland
A technological momentum? Changes in lithic technology during the Mesolithic–Neolithic transition in Scandinavia ................................................................. 183

Bernt Rundberget
Iron production in Østerdalen in medieval times — a consequence of regional technological change? ................................................................. 191

Steinar Solheim
Mobility, points and people. Technological and social changes towards the Neolithic of Southern Norway ................................................................. 205

Per Wranning
The (sluggish and modest) introduction of iron in southern Sweden: insufficient technology or unprepared receivers? A case study from iron usage in Halland. ................................................................. 217

Ulla Zagal-Mach
Dealing with consequences. The importance of placement ................................................................. 229

War and Society

Joakim Goldhahn
On war and the memory of war – the Middle Bronze Age burial from Hvidegården on Zealand in Denmark revisited ................................................................. 237

Doris Gutsmiedl-Schumann:
Merovingian men – fulltime warriors? Weapon graves of the continental Merovingian Period of the Munich Gravel Plain and the social and age structure of the contemporary society – a case study ................................................................. 251

Marek E. Jasinski, Marianne N. Soleim and Leiv Sem
Painful heritages. Cultural landscapes of the Second World War in Norway: a new approach .............. 263

Jari-Matti Kiusela:
Tools of lethal play. Weapon burials reflecting power structures and group cohesion during the Iron Age in Ostrobothnia, Finland ................................................................. 275