## **Content**

Foreword - Stone Age parallel societies? Florian Klimscha, Marion Heumüller, Daan C. M. Raemaekers, Hans Peeters and Thomas Terberger	7
Grenzgänger, traders and the last hunter-gatherers of the North European Plain	
Some remarks on the origin of Mesolithic pottery in northwestern Europe Erwin Cziesla	11
Wetlands settlements and a wooden trackway: Swifterbant sites in the Dümmer basin Marion Heumüller, Mirjam Briel, Florian Klimscha, Andreas Kotula, Hanns Hubert Leuschner, Reinhold Schoon and Tanja Zerl	25
Neolithic colonization of the southwestern Dümmer basin (NW Germany) – evidence from palaeobotanical data  Andreas Bauerochse and Hanns Hubert Leuschner	45
Lipid residue analysis of ceramics from Hüde I (Lower Saxony, Germany): New data to understand the transition to farming Özge Demirci, Alexandre Lucquin, Florian Klimscha, Oliver E. Craig and Daan C. M. Raemaekers	61
Two new Swifterbant settlements at Nieuwegein-Het Klooster, the Netherlands: preliminary site interpretation and overview of human remains Helle M. Molthof and Steffen Baetsen	85
Niedernstöcken – a settlement of the Linear Pottery culture beyond the loess border in the land of hunters and gatherers Klaus Gerken, Andreas Kotula, Clemens Ludwig, Hildegard Nelson and Alexandra Philippi	99
Going north The Middle Neolithic settlement of Nottuln-Uphoven (Westphalia) and the start of the neolithisation in the lowlands  Christian Hülsebusch and Albrecht Jockenhövel	123
Early and Middle Neolithic hoards in the area of the northern Mesolithic Michael Müller and Michael Schirren	135
Unexpected dimensions of a Swifterbant settlement at Medel-De Roeskamp (the Netherlands) Theo J. ten Anscher and Sebastiaan Knippenberg	159
Swifterbant and the Late Mesolithic in Westphalia Bernhard Stapel	177
Foraging in a changing landscape – the Late Mesolithic in the coastal area of Lower Saxony Svea Mahlstedt, Martina Karle and Jan F. Kegler	185
The Late Mesolithic in Hamburg-Boberg: inter-cultural interactions and impacts Laura Thielen	195
Hunter-gatherer pottery from the Baltic Sea coast – some regional examples from Schleswig-Holstein Sönke Hartz	211



Paths of innovation – the site Dąbki, Poland, and the early forager pottery in the Baltic Sea region Andreas Kotula	225
Long distance contacts in the area of the north European plain: The Late Mesolithic and Early Neolithic in Poland and its relations to neighbouring cultures  Jacek Kabaciński and Agnieszka Czekaj-Zastawny	249
Crosstown traffic: contemplating mobility, interaction and migration among foragers and early farmers Daniela Hofmann, Hans Peeters and Ann-Katrin Meyer	263
Changing Worlds - The Spread of the Neolithic Way of Life in the North	
A singularity in continuity? The transition to farming in northwest Europe (c. 5,000 - 3,500 calBC) re-examined from the perspective of multiculturalism  Daan C. M. Raemaekers	297
A view from Doggerland – interpreting the Mesolithic-Neolithic transition in the wetlands of the Rhine-Meuse delta (5,500 – 2,500 calBC)  Luc Amkreutz	311
Supra-regional contacts and the earliest metallurgy in southern Scandinavia during the Mesolithic-Neolithic transition  Anne Birgitte Gebauer and Lasse Sørensen	327
A biological view on neolithisation Walter Dörfler	343
A long lasting transformation: northern Late Mesolithic/Early Neolithic multi-dimensional developments (c. 4,750 – 3,800 BCE)  Johannes Müller	359
A longue durée perspective on technical innovations in the Late Mesolithic and Early Neolithic of the North European Plain Florian Klimscha and Daniel Neumann	377
The Schöningen group and the cultural development around 4,000 calBC Alexandra Philippi	403
Some remarks on the expansion of the Younger Neolithic causewayed enclosure phenomenon towards northern Germany Benedikt Knoche	417
Subsistence change? Diversification of plant economy during the Neolithic in northern Germany Wibke Kirleis	435
Neolithic landscape under the bog – new investigations in the Ahlen-Falkenberger Moor, dist. Cuxhaven, Germany Anja Behrens, Moritz Mennenga, Steffen Wolters and Martina Karle	455
List of authors	469