

# Contents

## Part I Paleoenvironment and Chronology

- 1 **A Multiproxy Paleoclimate Reconstruction over the Last 250 kyr from Marine Sediments: The Northwest African Margin and the Western Mediterranean Sea** ..... 3  
A. Moreno
- 2 **A Northeast Saharan Perspective on Environmental Variability in North Africa and its Implications for Modern Human Origins** ..... 19  
J. C. Larrasoaña
- 3 **Spatial and Temporal Variation in the Nature of Pleistocene Pluvial Phase Environments Across North Africa** ..... 35  
J. R. Smith
- 4 **The Faunal Context of Human Evolution in the Late Middle/Late Pleistocene of Northwestern Africa** ..... 49  
D. Geraads
- 5 **New Data from the Site of Ifri n'Ammar (Morocco) and Some Remarks on the Chronometric Status of the Middle Paleolithic in the Maghreb** ..... 61  
D. Richter, J. Moser and M. Nami
- 6 **Amino Chronology and an Earlier Age for the Moroccan Aterian** ..... 79  
J.-P. Raynal and S. Occhietti

## Part II Archaeology

- 7 **The Identity and Timing of the Aterian in Morocco** ..... 93  
A. Bouzouggar and R. N. E. Barton
- 8 **Late Pleistocene Human Subsistence in Northern Africa: The State of our Knowledge and Placement in a Continental Context.** ..... 107  
T. E. Steele

<b>9</b>	<b>Modern Human Desert Adaptations: A Libyan Perspective on the Aterian Complex</b> . . . . .	<b>127</b>
	E. A. A. Garcea	
<b>10</b>	<b>Middle Stone Age in Tunisia: Present Status of Knowledge and Recent Advances</b> . . . . .	<b>143</b>
	N. Aouadi-Abdeljaouad and L. Belhouchet	
<b>11</b>	<b>The Aterian of the Oases of the Western Desert of Egypt: Adaptation to Changing Climatic Conditions?</b> . . . . .	<b>157</b>
	A. L. Hawkins	
 <b>Part III The Fossil Hominins</b>		
<b>12</b>	<b>Morphological Continuity of the Face in the Late Middle and Late Pleistocene Hominins from Northwestern Africa: A 3D Geometric Morphometric Analysis.</b> . . . . .	<b>179</b>
	K. Harvati and J.-J. Hublin	
<b>13</b>	<b>Dental Evidence from the Aterian Human Populations of Morocco.</b> . . . . .	<b>189</b>
	J.-J. Hublin, C. Verna, S. Bailey, T. Smith, A. Olejniczak, F. Z. Sbihi-Alaoui and M. Zouak	
<b>14</b>	<b>The Upper Paleolithic Human Remains of Nazlet Khater 2 (Egypt) and Past Modern Human Diversity</b> . . . . .	<b>205</b>
	I. Crevecoeur	
<b>15</b>	<b>Middle Pleistocene Diversity in Africa and the Origin of Modern Humans</b> . . . . .	<b>221</b>
	G. Bräuer	
	<b>Index</b> . . . . .	<b>241</b>

Modern Origins

A North African Perspective

Hublin, J.-J.; McPherron, S.J.P. (Eds.)

2012, XXI, 244 p. 97 illus., 21 illus. in color., Hardcover

ISBN: 978-94-007-2928-5