

Contents

Introduction

1. Atholl John Anderson: No ordinary archaeologist
Foss Leach 1

Modelling seafaring and colonisation

2. Getting from Sunda to Sahul
Jim Allen and James F. O'Connell 31
3. Seafaring simulations and the origin of prehistoric settlers to Madagascar
Scott M. Fitzpatrick and Richard Callaghan 47
4. Friction zones in Lapita colonisation
Geoffrey Clark and Stuart Bedford 59
5. Flights of fancy: Fractal geometry, the Lapita dispersal and punctuated colonisation in the Pacific
Ian Lilley 75
6. Demographic expansion, despotism and the colonisation of East and South Polynesia
Douglas J. Kennett and Bruce Winterhalder 87
7. The long pause and the last pulse: Mapping East Polynesian colonisation
Tim Thomas 97

The maritime dimension in prehistory

8. Be careful what you ask for: Archaeozoological evidence of mid-Holocene climate change in the Bering Sea and implications for the origins of Arctic Thule
Susan J. Crockford 113
9. Ritualised marine midden formation in western Zenadh Kes (Torres Strait)
Ian J. McNiven and Duncan Wright 133
10. Sailing between worlds: The symbolism of death in northwest Borneo
Katherine Szabó, Philip J. Piper and Graeme Barker 149
11. Land and sea animal remains from Middle Neolithic Pitted Ware sites on Gotland Island in the Baltic Sea, Sweden
Helene Martinsson-Wallin 171

12. A cache of one-piece fishhooks from Pohara, Takaka, New Zealand
Janet Davidson and Foss Leach 185
13. Trans-oceanic transfer of bark-cloth technology from South China–Southeast Asia to Mesoamerica?
Judith Cameron 203

Island environments: Theory, biological introductions and transformations

14. Are islands islands? Some thoughts on the history of chalk and cheese
Matthew Spriggs 211
15. No fruit on that beautiful shore: What plants were introduced to the subtropical Polynesian islands prior to European contact?
Matthew Prebble 227
16. One thousand years of human environmental transformation in the Gambier Islands (French Polynesia)
Eric Conte and Patrick V. Kirch 253
17. Stora Karlsö – a tiny Baltic island with a puzzling past
Rita Larje 265
18. East of Easter: Traces of human impact in the far-eastern Pacific
Iona Flett and Simon Haberle 281
19. Subsistence and island landscape transformations: Investigating monumental earthworks in Ngaraard State, Republic of Palau, Micronesia
Sarah Phear 301
20. Historical significance of the Southwest Islands of Palau
Michiko Intoh 325

Ethnohistory, cross-cultural contact and archaeology in Australasia and the Pacific

21. The historical archaeology of New Zealand's prehistory
Matthew Campbell 339
22. Trans-Tasman stories: Australian Aborigines in New Zealand sealing and shore whaling
Nigel Prickett 351
23. Maori, Pakeha and Kiwi: Peoples, cultures and sequence in New Zealand archaeology
Ian Smith 367
24. Translating the 18th century pudding
Helen Leach 381
25. Boat images in the rock art of northern Australia with particular reference to the Kimberley, Western Australia
Sue O'Connor and Steve Arrow 397
26. The shifting place of Ngai Tahu rock art
Gerard O'Regan 411

Archaeological science and taphonomy

27. Phosphates and bones: An analysis of the courtyard of marae Manunu, Huahine, Society Islands, French Polynesia
Paul Wallin, Inger Österholm, Sven Österholm and Reidar Solsvik 423
28. The physical and mineralogical characteristics of pottery from Mochong, Rota, Mariana Islands
Foss Leach, Janet Davidson, Graeme Claridge, Graeme Ward and John Craib 435
29. The dry and the wet: The variable effect of taphonomy on the dog remains from the Kohika Lake Village, Bay of Plenty, New Zealand
Graeme Taylor and Geoffrey Irwin 453
30. Taphonomic analysis of the Twilight Beach seals
Lisa Nagaoka, Steve Wolverton and Ben Fullerton 475
31. A new genus and species of pigeon (Aves: Columbidae) from Henderson Island, Pitcairn Group
Trevor H. Worthy and Graham M. Wragg 499