

Contents

List of Figures	xi
List of Plates	xxi
Acknowledgements	xxiii
1 Models and paradigms in contemporary archaeology D. L. CLARKE	I
2 The methodological debate in contemporary archaeology: a model J. N. HILL	6I
3 Contemporary model building: paradigms and the current state of Palaeolithic research L. R. BINFORD	109
4 Early phases of human behaviour: models in Lower Palaeolithic archaeology G. LL. ISAAC	167
5 Research design models S. G. H. DANIELS	20I
6 A model for classification and typology J. N. HILL AND R. K. EVANS	23I
7 What mean these stones? Ethno-taxonomic models and archaeo- logical interpretations in the New Guinea Highlands J. P. WHITE AND D. H. THOMAS	275
8 Introduction to imaginary models for archaeological scaling and clustering LEROY JOHNSON, JR	309
9 Models, methods and techniques for seriation G. L. COWGILL	38I
10 Computer models as tools for archaeological hypothesis formation J. E. DORAN	425

Contents

- 11 Initial model formulation *in terra incognita* 453
C. F. W. HIGHAM
- 12 Socio-economic and demographic models for the Neolithic and
Bronze Ages of Europe 477
A. G. SHERRATT
- 13 Ecosystem models and demographic hypotheses: predation and
prehistory in North America 543
P. F. WILKINSON
- 14 Energy and ecology: thermodynamic models in archaeology 577
W. SHAWCROSS
- 15 Ethno-historic and ecological settings for economic and social
models of an Iron Age society: Valldalen, Norway 623
K. ODNER
- 16 Ethno-archaeological models and subsistence behaviour in Arnhem
Land 653
C. SCHRIRE
- 17 A computer simulation model of Great Basin Shoshonean subsis-
tence and settlement patterns 671
D. H. THOMAS
- 18 A territorial model for archaeology: a behavioural and geographical
approach 705
M. R. JARMAN
- 19 Set theory models: an approach to taxonomic and locational rela-
tionships 735
J. LITVAK KING AND R. GARCÍA MOLL
- 20 Locational models and the site of Lubaantún: a Classic Maya
centre 757
N. D. C. HAMMOND
- 21 A provisional model of an Iron Age society and its settlement
system 801
D. L. CLARKE
- 22 Locational models of Transvaal Iron Age settlements 871
R. J. MASON
- 23 Locational models and the study of Romano-British settlement 887
I. R. HODDER

24	Settlement and land use in the prehistory and early history of southern England: a study based on locational models	911
	A. ELLISON AND J. HARRISS	
25	Models in medieval studies	963
	E. M. JOPE	
26	Scientific inquiry and models of socio-cultural data patterning: an epilogue	991
	R. P. CHANEY	
	Index	1033
	S. I. CLARKE	