

# CONTENTS

<i>Preface</i>	<i>page ix</i>	
<b>1</b>	<b>Introduction</b>	<b>1</b>
	Methods, aims, and objectives	5
	Approaches to prehistoric change in Polynesia	8
	Dominant trends in Polynesian prehistory	13
<b>Part I: Foundation</b>		
<b>2</b>	<b>Polynesian societies and ecosystems</b>	<b>17</b>
	The island ecosystems	17
	Cultural and linguistic subgroups	25
	The material basis of Polynesian societies	28
	Organizational principles of Polynesian societies	31
	Overview	39
<b>3</b>	<b>Ancestral Polynesia</b>	<b>41</b>
	Origins	41
	The Lapita Cultural Complex	44
	The Eastern Lapita sequence	48
	Ancestral Polynesia: a reconstruction	53
	Overview	67
<b>Part II: Process</b>		
<b>4</b>	<b>Dispersal, colonization, and adaptation</b>	<b>71</b>
	The Polynesian dispersal	71
	The challenge and strategy of colonization	79
	Adaptation in new environments	87
	Overview	95
<b>5</b>	<b>The demographic factor</b>	<b>96</b>
	Models of population growth on islands	101
	Population growth: the Hawaiian case	104
	Palaeodemography of Polynesian populations	111
	Population regulation: the case of Tikopia	116
	Overview	120

6	Changing environments	123
	Directional change in island environments	124
	The significance of environmental hazards	127
	Man's transported landscapes	135
	Human impact on island ecosystems	139
	Overview	150
7	Development and intensification of production	152
	Development of production systems	153
	Production and the chieftainship	160
	Intensive production: the wet and the dry	168
	Other aspects of production	179
	Intensification in West Hawai'i: a case study	181
	Overview	192
8	Competition and conflict	195
	Demographic and ecological correlates of competition	198
	Warfare and political development	204
	Archaeological manifestations of warfare	207
	Overview	216
<b>Part III: Transformation</b>		
9	Tonga	217
	The archaeological sequence	219
	Environment, agriculture, and population	221
	Rise of the dual paramountship	223
	Structure of the protohistoric chiefdom	230
	Inter-island relations	232
	Voyaging and tribute	237
	Long-distance exchange	238
10	Hawai'i	243
	Colonization, adaptation, and expansion	244
	Local sequences of development	246
	Traditional accounts of political development	253
	Late prehistoric Hawaiian society	257
	Hawai'i and Tonga: a comparative note	262
11	Easter Island	264
	Colonization and early developments	266
	The Ahu Moai Phase (AD 1000–1500)	269
	Decadent (Huri Ahu) Phase (AD 1500–1722)	274
12	Epilogue	279
	<i>Glossary of Polynesian terms</i>	287
	<i>References</i>	290
	<i>Index</i>	312