

Contents

Acknowledgements	vii
General Editor's Preface	ix
Introduction	xiii

PART ONE – PERSPECTIVES ON THE PACIFIC

1	Sea and Ocean Basins as Frameworks of Historical Analysis <i>Jerry H. Bentley</i>	1
2	The Pacific as an Artefact <i>O.H.K. Spate</i>	11
3	The Other One-Third of the Globe <i>Ben Finney</i>	25
4	Geographic Setting of the Pacific <i>Otis W. Freeman</i>	51

PART TWO – GEOLOGY, GEOPHYSICS, AND THE EVOLUTION OF THE PACIFIC BASIN

5	Development of the Circum-Pacific Panthalassic Ocean During the Early Paleozoic <i>Christopher R. Scotese</i>	95
6	Reconstructions of the Circum-Pacific Region <i>D.B. Rowley</i>	105
7	Terrane Analysis: A Circum-Pacific Overview <i>David G. Howell and David L. Jones</i>	137
8	Linear Volcanic Chains on the Pacific Plate <i>Everett D. Jackson</i>	147
9	Some Remarks on the Occurrence of Tsunamigenic Earthquakes around the Pacific <i>Kumizi Iida</i>	165

PART THREE – OCEANOGRAPHY, CLIMATOLOGY, BIOGEOGRAPHY

10	Oceanography <i>Lynn D. Talley, Gerard J. Fryer and Rick Lumpkin</i>	181
----	---	-----

11	Historical and Prehistorical Overview of El Niño/Southern Oscillation <i>David B. Enfield</i>	219
12	Paleogeographic Conclusions in Light of Biological Data <i>J. Wyatt Durham</i>	243
13	Biogeographic Mosaics in the Pacific <i>Jared Diamond</i>	255
PART FOUR – HUMAN SETTLEMENT, DIFFUSION, AND EARLY TRANS-PACIFIC CONTACTS		
14	The Peopling of the Pacific <i>P.S. Bellwood</i>	269
15	Routes: Alternative Migration Corridors for Early Man in North America <i>K.R. Fladmark</i>	287
16	Linguistic Evidence in Support of the Coastal Route of Earliest Entry into the New World <i>Ruth Gruhn</i>	303
17	Movement of People and Ideas Across the Pacific <i>George F. Carter</i>	327
	Index	343