

CONTENTS

<i>List of text boxes</i>	page vii
<i>List of figures</i>	viii
<i>List of tables</i>	xii
<i>List of contributors</i>	xiii
<i>Preface</i>	xxi
I. Introduction	
1 Human and human-mediated species dispersals through time: Introduction and overview <i>Nicole Boivin</i>	3
II. Origins: Species Movements in the Pleistocene	
2 Carnivore guilds and the impact of hominin dispersals <i>Margaret E. Lewis</i>	29
3 Pleistocene hominin dispersals, naïve faunas and social networks <i>Robin Dennell</i>	62
4 Hominins on the move: An assessment of anthropogenic shaping of environments in the Palaeolithic <i>Michael Petraglia</i>	90
5 Reconceptualising the palaeozoogeography of the Sahara and the dispersal of early modern humans <i>Nick A. Drake and Roger Blench</i>	119
III. Across the water: Species movements by Coast and Sea	
6 Coastlines, marine ecology, and maritime dispersals in human history <i>Jon M. Erlandson</i>	147
7 Breaking down barriers: Prehistoric species dispersals across Island Southeast Asia, New Guinea and Australia <i>Tim Denham</i>	164

8	The last great migration: Human colonization of the Remote Pacific Islands <i>Terry L. Hunt and Carl P. Lipo</i>	194
IV. Complexity: Species Movements in the Holocene		
9	Dispersals, connectivity and indigeneity in Arabian prehistory <i>Rémy Crassard and Lamy Khalidi</i>	219
10	Reconstructing migration trajectories using ancient DNA <i>Greger Larson</i>	237
11	Out of the Fertile Crescent: The dispersal of domestic livestock through Europe and Africa <i>Melinda A. Zeder</i>	261
12	Adapting crops, landscapes, and food choices: Patterns in the dispersal of domesticated plants across Eurasia <i>Dorian Q. Fuller and Leilani Lucas</i>	304
13	Tracing the initial diffusion of maize in North America <i>Bruce D. Smith</i>	332
14	Proto-globalisation and biotic exchange in the Old World <i>Nicole Boivin</i>	349
V. Invasion: The Movement of Invasive and Disease Species		
15	Invasive eusocieties: Commonalities between ants and humans <i>Patrizia d'Ettore</i>	411
16	Invasives, aliens, and labels long forgotten: Toward a semiotics of human-mediated species movement <i>Marcus Hall</i>	430
17	Multiple time scales for dispersals of bacterial disease over human history <i>Mark Achtman</i>	454
18	Early malarial infections and the first epidemiological transition <i>James L.A. Webb, Jr.</i>	477
19	The globalisations of disease <i>Monica H. Green</i>	494
20	Modern day population, pathogen and pest dispersals <i>Andrew J. Tatem</i>	521
	<i>Index</i>	535

Colour plates are to be found between pp. 26 and 27.