

Contents

<i>List of contributors</i>	xi
<i>Preface</i>	xiii
<i>Acknowledgements</i>	xviii
1 From head to toe: integrating studies from bones and teeth in biological anthropology	1
ROBERT D. HOPPA AND CHARLES M. FITZGERALD	
2 Heterochrony: somatic, skeletal and dental development in <i>Gorilla</i> , <i>Homo</i> and <i>Pan</i>	32
MIKE DANTON AND GABRIELE A. MACHO	
3 Relative mandibular growth in humans, gorillas and chimpanzees	65
LOUISE T. HUMPHREY	
4 Growth and development in Neandertals and other fossil hominids: implications for the evolution of hominid ontogeny	88
ANDREW J. NELSON AND JENNIFER L. THOMPSON	
5 Hominoid tooth growth: using incremental lines in dentine as markers of growth in modern human and fossil primate teeth	111
CHRISTOPHER DEAN	
6 New approaches to the quantitative analysis of craniofacial growth and variation	128
PAUL O’HIGGINS AND UNA STRAND VIDARSDOTTIR	
7 Invisible insults during growth and development: contemporary theories and past populations	161
SARAH E. KING AND STANLEY J. ULJASZEK	
8 What can be done about the infant category in skeletal samples?	183
SHELLEY R. SAUNDERS AND LISA BARRANS	
9 Sources of variation in estimated ages at formation of linear enamel hypoplasias	210
ALAN H. GOODMAN AND RHAN-JU SONG	
10 Reconstructing patterns of growth disruption from enamel microstructure	241
SCOTT W. SIMPSON	

x	<i>Contents</i>	
11	Estimation of age at death from dental emergence and implications for studies of prehistoric somatic growth	264
	LYLE KONIGSBERG AND DARRYL HOLMAN	
12	Linear and appositional long bone growth in earlier human populations: a case study from Mediaeval England	290
	SIMON A. MAYS	
	<i>Index</i>	313