

Contents

List of contributors	page vii
Preface	ix
1 Introduction <i>Charles E. Dinsmore</i>	1
2 The natural history (and mystery) of regeneration <i>Richard J. Goss</i>	7
3 New limbs for old: some highlights in the history of regeneration in Crustacea <i>Dorothy M. Skinner and John S. Cook</i>	25
4 Abraham Trembley and the origins of research on regeneration in animals <i>Howard M. Lenhoff and Sylvia G. Lenhoff</i>	47
5 Lazzaro Spallanzani: concepts of generation and regeneration <i>Charles E. Dinsmore</i>	67
6 Observation versus philosophical commitment in eighteenth-century ideas of regeneration and generation <i>Keith R. Benson</i>	91
7 The neurotrophic phenomenon: its history during limb regeneration in the newt <i>Marcus Singer and Jacqueline Géraudie</i>	101
8 Regeneration, 1885–1901 <i>Frederick B. Churchill</i>	113
9 T. H. Morgan's regeneration, epigenesis, and (w)holism <i>Jane Maienschein</i>	133
10 A history of bioelectricity in development and regeneration <i>Joseph W. Vanable, Jr.</i>	151
11 Origin of the blastema cells in epimorphic regeneration of urodele appendages: a history of ideas <i>Richard A. Liversage</i>	179

12	Morgan's ambivalence: a history of gradients and regeneration	Lewis Wolpert	201
	Index		219