Contents

Acknowledgements v
1 Introduction 1
2 Solid as a rock? Geology before Wegener 17
3 Wegener and his theory: antecedents and arguments 37
4 Debate around the earth 55
5 Specialties, localism and problem-solving 80
6 Interregnum: competition and stalemate 100
7 Palacomagnetism, Drift and polar wandering 138
8 Patterns and puzzles from the sea 170
9 Shifting theories 188
10 The ‘revolution’ proclaimed 229
11 Theories of scientific change and the modern revolution in geology 267

Bibliography 279

Index 305