

## Contents

List of Contributors	viii
Preface	xiii
Acknowledgments	xv
<b>Part I: Word Recognition Processes in Reading</b>	<b>1</b>
Editorial Part I	3
1 Modeling Reading: The Dual-Route Approach <i>Max Coltheart</i>	6
2 Connectionist Approaches to Reading <i>David C. Plaut</i>	24
3 Visual Word Recognition: Theories and Findings <i>Stephen J. Lupker</i>	39
4 The Question of Phonology and Reading <i>Guy C. Van Orden and Heidi Kloos</i>	61
5 Eye Movements During Reading <i>Keith Rayner, Barbara J. Juhasz, and Alexander Pollatsek</i>	79
<b>Part II: Learning to Read and Spell</b>	<b>99</b>
Editorial Part II	101
6 Theories of Learning to Read <i>Brian Byrne</i>	104

vi	<i>Contents</i>	
7	Writing Systems and Spelling Development <i>Rebecca Treiman and Brett Kessler</i>	120
8	Development of Sight Word Reading: Phases and Findings <i>Linnea C. Ehri</i>	135
9	Predicting Individual Differences in Learning to Read <i>Judith A. Bowey</i>	155
10	Social Correlates of Emergent Literacy <i>Beth M. Phillips and Christopher J. Lonigan</i>	173
11	Literacy and Cognitive Change <i>José Morais and Régine Kolinsky</i>	188
	<b>Part III: Reading Comprehension</b>	205
	Editorial Part III	207
12	Comprehension <i>Walter Kintsch and Katherine A. Rawson</i>	209
13	The Acquisition of Reading Comprehension Skill <i>Charles A. Perfetti, Nicole Landi, and Jane Oakhill</i>	227
14	Children's Reading Comprehension Difficulties <i>Kate Nation</i>	248
	<b>Part IV: Reading in Different Languages</b>	267
	Editorial Part IV	269
15	Orthographic Systems and Skilled Word Recognition Processes in Reading <i>Ram Frost</i>	272
16	Early Reading Development in European Orthographies <i>Philip H. K. Seymour</i>	296
17	Learning to Read in Chinese <i>J. Richard Hanley</i>	316
18	The Nature and Causes of Dyslexia in Different Languages <i>Markéta Caravolas</i>	336

<b>Part V: Disorders of Reading and Spelling</b>	357
Editorial Part V	359
19 Developmental Dyslexia <i>Frank R. Vellutino and Jack M. Fletcher</i>	362
20 Learning to Read with a Hearing Impairment <i>Jacqueline Leybaert</i>	379
21 Learning to Read with a Language Impairment <i>Margaret J. Snowling and Charles Hulme</i>	397
22 Acquired Disorders of Reading <i>Matthew A. Lambon Ralph and Karalyn Patterson</i>	413
23 Spelling Disorders <i>Cristina Romani, Andrew Olson, and Anna Maria Di Betta</i>	431
<b>Part VI: The Biological Bases of Reading</b>	449
Editorial Part VI	451
24 Genetics of Dyslexia <i>Bruce F. Pennington and Richard K. Olson</i>	453
25 Functional Brain Imaging Studies of Skilled Reading and Developmental Dyslexia <i>Cathy J. Price and Eamon McCrory</i>	473
<b>Part VII: Teaching Reading</b>	497
Editorial Part VII	499
26 Teaching Children to Read: What Do We Know about How to Do It? <i>Catherine E. Snow and Connie Juel</i>	501
27 Recent Discoveries on Remedial Interventions for Children with Dyslexia <i>Joseph K. Torgesen</i>	521
Glossary of Terms	538
References	550
Author Index	643
Subject Index	652