

CONTENTS

Illustrations ix

Acknowledgments xi

Introduction: Animal, Human, Art, Story 1

BOOK I

EVOLUTION, ART, AND FICTION 13

Part 1

Evolution and Nature

- 1 Evolution and *Human* Nature? 19
- 2 Evolution, Adaptation, and Adapted Minds 31
- 3 The Evolution of Intelligence 42
- 4 The Evolution of Cooperation 51

Part 2

Evolution and Art

- 5 Art as Adaptation? 69
- 6 Art as Cognitive Play 80
- 7 Art and Attention 99
- 8 From Tradition to Innovation 113

Part 3

Evolution and Fiction

- 9 Art, Narrative, Fiction 129
- 10 Understanding and Recalling Events 132
- 11 Narrative: Representing Events 159

Contents

- 12 Fiction: Inventing Events 177
- 13 Fiction as Adaptation 188

BOOK II

FROM ZEUS TO SEUSS: ORIGINS OF STORIES 209

Part 4

Phylogeny: *The Odyssey*

- 14 Earning Attention (1): Natural Patterns: Character and Plot 215
- 15 Earning Attention (2):
 - Open-Ended Patterns: Ironies of Structure 232
- 16 The Evolution of Intelligence (1): In the Here and Now 255
- 17 The Evolution of Intelligence (2):
 - Beyond the Here and Now 269
- 18 The Evolution of Cooperation (1): Expanding the Circle 287
- 19 The Evolution of Cooperation (2): Punishment 303

Part 5

Ontogeny: *Horton Hears a Who!*

- 20 Problems and Solutions: Working at Play 321
- 21 Levels of Explanation: Universal, Local, and Individual 334
- 22 Levels of Explanation: Individuality Again 348
- 23 Levels of Explanation: Particular 358
- 24 Meanings 368

Conclusion

- Retrospect and Prospects: Evolution, Literature, Criticism 380

Afterword

- Evolution, Art, Story, Purpose 399

Notes 417

Bibliography 457

Index 509