CONTENTS

Acknowledgments vii About the Contributors ix

Introduction 1

OHAD NACHTOMY AND JUSTIN E. H. SMITH, editors

PART ONE THE NATURE OF LIVING BEINGS

- Infinity and Life: The Role of Infinity in Leibniz's Theory of Living Beings
 OHAD NACHTOMY
- 2. What Is Life? A Comparative Study of Ralph Cudworth and Nehemiah Grew 29 RAPHAËLE ANDRAULT
- The Impossibility of a "Newton of the Blade of Grass" in Kant's Teleology 47 THOMAS TEUFEL

PART TWO THE STRUCTURE OF LIVING BEINGS

 Fabricius's Galeno-Aristotelian Teleomechanics of Muscle 65 PETER DISTELZWEIG

Contents

- 5. Metaphysical Problems in Francis Glisson's Theory of Irritability 85 ANNE-LISE REY
- 6. The Organism-Mechanism Relationship: An Issue in the Leibniz-Stahl Controversy 98 FRANÇOIS DUCHESNEAU

PART THREE THE GENERATION OF LIVING BEINGS

- 7. Material Causes and Incomplete Entities in Gallego de la Serna's Theory of Animal Generation 117 ANDREAS BLANK
- Biology and Theology in Malebranche's Theory of Organic Generation 137 KAREN DETLEFSEN
- 9. Réaumur's Crayfish Experiments in Hartsoeker's Système: Regeneration and the Limits of Mechanism 157 CATHERINE ABOU-NEMEH
- 10. Epigenesis as Spinozism in Diderot's Biological Project 181 CHARLES T. WOLFE

PART FOUR THE ORDER OF THE LIVING WORLD

- On the Continuity of Nature and the Uniqueness of Human Life in G. W. Leibniz 205 LEA F. SCHWEITZ
- 12. Order of Insects: Insect Species and Metamorphosis between Renaissance and Enlightenment 222 BRIAN W. OGILVIE

Name Index 247 Subject Index 251

vi