

# *Contents*

*List of Maps and Tables* ix  
*Preface* xi  
*Acknowledgments* xv

## PART ONE: The Jeffersonians

### ONE

Fossil Hunters on the Frontier 3

### TWO

Big Bone Lick 10

### THREE

Franklin, Jefferson, and the Incognitum 24

### FOUR

Jefferson's "Great-Claw" and a World About to Change 34

### FIVE

The First American Dinosaurs: An Eighteenth-Century  
Mystery Story 41

### SIX

Fossils and Show Business: Mr. Peale's Mastodon 46

## PART TWO: Fossils and Geology

### SEVEN

Fossils and Extinction: Dangerous Ideas 57

### EIGHT

Mary Anning's World 72

vi CONTENTS

NINE  
An American Natural Science 86

TEN  
An American Geology 98

ELEVEN  
Bad Lands: No Time for Ideas 105

TWELVE  
Dr. Leidy's Dinosaur 122

THIRTEEN  
Ferdinand Vandiveer Hayden 126

PART THREE: Giant Saurians and Horned Mammals

FOURTEEN  
Kansas and a New Regime 147

FIFTEEN  
Entry of the Gladiators 155

SIXTEEN  
Riding the Rails 168

SEVENTEEN  
The First Yale College Expedition 177

EIGHTEEN  
The Competition Begins 191

NINETEEN  
Buffalo Land: Who Was Professor Paleozoic? 200

TWENTY  
1872: The Year of Conflict 211

TWENTY-ONE  
The Case of the Great Horned Mammals 229

TWENTY-TWO  
Going Separate Ways 242

TWENTY-THREE  
Two into Four Won't Go 254

TWENTY-FOUR  
To the Black Hills 263

TWENTY-FIVE  
To the Judith River 271

PART FOUR: Toward the Twentieth Century

TWENTY-SIX  
The Rise of Dinosaurs 279

TWENTY-SEVEN  
The Good, the Bad, and the Ugly 295

TWENTY-EIGHT  
Going Public 310

TWENTY-NINE  
1890: The End of the Beginning 317

*Appendixes*

The Geological Column 335  
Leidy on Evolution 338  
Cope on Evolution 341

*Notes* 345

*Index* 371