# CONTENTS

PREFACE	xi		ethimile	

RULES, PRINCIPLES, AND INTEGRITY: A GENERAL INTRODUCTION xv

#### I WHAT REALLY MATTERS? ESSAYS ON VALUE IN NATURE

- 1 Where We Are and How We Got Here: The Roots of Crisis

  Questions for Reflection and Discussion: Guilt 3

  Lynn White, Jr., The Historical Roots of Our Ecological Crisis 5

  J. Baird Callicott, Environmental Philosophy Is Environmental

  Activism: The Most Radical and Effective Kind 11

  Shepard Krech, III, Pleistocene Extinctions 17

  Howard F. Lyman with Glen Merzer, Mad Cowboy: The Cattle

  Rancher Who Won't Eat Meat 27

  Michael Pollan, The (Agri)Cultural Contradictions of Obesity 33

  Bill McKibben, Deep Economy: The Wealth of Communities

  and the Durable Future 37
- 2 Respect for Nature 42
  Introduction: The Last Man and the Search for
  Objective Value 42

Respect for Animals

Questions for Reflection and Discussion 47

Peter Singer, All Animals Are Equal 49

Mark Sagoff, Animal Liberation and Environmental Ethics: Bad Marriage, Quick Divorce 59
 Holmes Rolston, III, Values in and Duties to the Natural World 66
 Ian John Whyte, The Elephant Management Dilemma 71

#### Respect for Life

Questions for Reflection and Discussion 85

Christopher D. Stone, Should Trees Have Standing? Toward Legal Rights for Natural Objects 85

Gary Varner, Biocentric Individualism 90

Equal Respect Jennifer Zamzow, guest editor

Questions for Reflection and Discussion 101

Paul W. Taylor, The Ethics of Respect for Nature 102

David Schmidtz, Are All Species Equal? 114

#### 3 Holistic Ethics 123

Michael Bukoski, guest editor

Questions for Reflection and Discussion: The Land 123 Aldo Leopold, The Land Ethic 124

Arne Naess, The Shallow and the Deep, Long-Range Ecology Movement: A Summary 129

Elliott Sober, Philosophical Problems for Environmentalism 132
Ramachandra Guha, Radical American Environmentalism and
Wilderness Preservation: A Third World Critique 145

## 4 Ecofeminism 153

Daniel Silvermint, guest editor

Questions for Reflection and Discussion: Three Models of Oppression 153

Kristen Hessler and Elizabeth Willott, Feminism and Ecofeminism 155

Karen J. Warren, The Power and the Promise of Ecological Feminism 157

Greta Gaard and Lori Gruen, Ecofeminism: Toward Global Justice and Planetary Health 170

Gita Sen, Women, Poverty, and Population: Issues for the Concerned Environmentalist 187

#### 5 Environmental Justice 202

John Thrasher, guest editor

Questions for Reflection and Discussion: Justice to Win 202 Kristin Shrader-Frechette, Environmental Justice: Creating Equality, Reclaiming Democracy 204

Vandana Shiva, Water Wars: Privatization, Pollution, and Profit 217

David Schmidtz, Natural Enemies: An Anatomy of Environmental

Conflict 220

#### 6 How Wild Does Nature Have to Be? 228

Questions for Reflection and Discussion: An Allegory 228

John Muir, Hetch Hetchy Valley 230

Martin H. Krieger, What's Wrong with Plastic Trees? 232

Elizabeth Willott, Restoring Nature, Without Mosquitoes? 244

David Pitcher and Jennifer Welchman, Can an Environmental Paradise

Be Regained? The Hetch Hetchy Valley Question 258

### 7 Finding Our Place in Nature 265

#### **Dominating Nature**

Questions for Reflection and Discussion 265

Val Plumwood, Being Prey 266

Freya Mathews, Letting the World Grow Old: An Ethos of Countermodernity 271

Michelle Nijhuis, Bonfire of the Superweeds 280

### Learning to Belong

Questions for Reflection and Discussion 286

Ronald Sandler, Environmental Virtue Ethics 286

Thomas E. Hill, Jr., Ideals of Human Excellence and Preserving

Natural Environments 291

### The Simple Life

Questions for Reflection and Discussion 301

Mark Sagoff, Do We Consume Too Much? 302

Joshua Colt Gambrel and Philip Cafaro, The Virtue of Simplicity 324

Paul Schwennesen, On the Ethics of Ranching 339

#### II WHAT REALLY WORKS? ESSAYS ON HUMAN ECOLOGY

- Weighing Our Options 349
  Questions for Reflection and Discussion: Optimal Pollution 349
  Steven Kelman, Cost-Benefit Analysis: An Ethical Critique 350
  Andrew Brennan, Moral Pluralism and the Environment 357
  Martha C. Nussbaum, The Costs of Tragedy: Some Moral Limits of Cost-Benefit Analysis 370
  David Schmidtz, A Place for Cost-Benefit Analysis 387
- 9 The Logic of Scarcity 401
  Questions for Reflection and Discussion 401
  Garrett Hardin, The Tragedy of the Commons 403
  David Schmidtz, The Institution of Property 406
  Carol M. Rose, Liberty, Property, Environmentalism 420
  Dan C. Shahar, Free-Market Environmentalism Pace
  Environmentalism 438
- 10 What It Takes to Preserve Wilderness 447

  Questions for Reflection and Discussion: South Africa 447

  David Schmidtz, When Preservationism Doesn't Preserve 449

  David Schmidtz and Elizabeth Willott, Reinventing the Commons: An African Case Study 458

  Lynn Scarlett, Choices, Consequences, and Cooperative Conservation: A New Environmentalism? 472
- Overpopulation and What to Do About It 484
  Questions for Reflection and Discussion: The Population
  Bomb 484
  Peter Singer, Famine, Affluence, and Morality 486
  Garrett Hardin, Living on a Lifeboat 493
  Holmes Rolston, III, Feeding People Versus Saving Nature 504
  Henry Shue, Global Environment and International Inequality 516
  Elizabeth Willott, Recent Population Trends 526
- 12 Climate Change and What to Do About It 536

  Dan C. Shahar, guest editor

  Questions for Reflection and Discussion: Handing Down a Warmer

  World 536

Dale Jamieson, Ethics, Public Policy, and Global Warming 538 Stephen M. Gardiner, A Perfect Moral Storm: Climate Change, Intergenerational Ethics and the Problem of Corruption 547 Andrew Light, Climate Ethics for Climate Action 557 John R. Christy, Testimony, U.S. House Ways and Means Committee 567

#### Cities and What to Do About Them 570 13

Questions for Reflection and Discussion: Taking Scarcity Seriously 570 Jessica Woolliams, Designing Cities and Buildings as if They Were Ethical Choices 572

Lynn Scarlett, Making Waste Management Pay 576 Robert Glennon, Unquenchable: America's Water Crisis and What to Do About It 579

Garland D. Cox, Energy 586 Tom Fournier, Air Pollution Abatement Strategies

#### Technology and What to Do About It 596 14

Scott Boocher, guest editor

Questions for Reflection and Discussion: Innovation and Risk Management 596

Gary Comstock, Ethics and Genetically Modified Foods 598 Paul B. Thompson and William Hannah, Novel and Normal Risk: Where Does Nanotechnology Fit In? 609

Joshua Colt Gambrel, Virtue Theory and Genetically Modified Crops 622

#### Environmentalism in Practice 627 15

Questions for Reflection and Discussion: The Ethics of Confrontation 627

Bryan G. Norton, The Environmentalists' Dilemma: Dollars and Sand Dollars 628

Bryan G. Norton, Fragile Freedoms 634

Paul Watson, Tora! Tora! Tora! 639

Kate Rawles, The Missing Shade of Green 644

Andrew Light, Taking Environmental Ethics Public 654