## Contents [

#### Introduction xv

$\Box$					
Ц	AN INTE	RODUCTION	OT V	<b>ETHICAL</b>	THEORY

1

#### A. Moral Argument and Ethical Theory 1

- 1. Distinguishing Moral and Empirical Claims 1
- 2. Justification, Explanation, Prediction, and Description 5
- 3. Moral Argument: The Interplay of Moral and Empirical Claims 7
- 4. Harm and Benefit 11
- 5. The Best Ethical Theory 13

## B. Influential Ethical Ideas and Theories 15

- 1. The Egoisms 15
- 2. The Divine Command Theory 17
- 3. Rights Theories 18
- 4. Utilitarianism 22
- 5. Utilitarianism and Economic Theory 26
- 6. Natural Law Theory 28
- 7. The Influence of Kant 31
- 8. The Idea of a Unique Environmental Ethic 33

# **Ⅲ** WESTERN RELIGIONS AND ENVIRONMENTAL ATTITUDES

Preview 40

The Historical Roots of Our Ecologic Crisis, Lynn White, Jr. 45 For God So Loved the World, Andrew Linzey 52

40

	THE OTHER ANIMALS	56
	Preview 56	
	Am I Blue?, Alice Walker 64	
	Animal Liberation, Peter Singer 66	
	On Wolves, Barry Lopez 74	
	The Case for Animal Rights, Tom Regan 77	
	The Little Things That Run the World, Edward O. Wilson 84	
	Sidelight: Parachuting Cats and Interconnectedness 86	
	Beyond Ethics by Extension, Holmes Rolston III 88	
W	CONSTRUCTING AN ENVIRONMENTAL ETHIC	94
	A. The Broader, Biotic Community 94	
	Preview 94	
	Native American Attitudes to the Environment, N. Scott Momaday 102	
	On Being Morally Considerable, Kenneth Goodpaster 105	
	Should Trees Have Standing?—Toward Legal Rights for Natural Objects, Christopher D. Stone 112	
	The Ethics of Respect for Nature, Paul W. Taylor 124	
	The Land Ethic, Aldo Leopold 138	
	The Conceptual Foundations of the Land Ethic, J. Baird Callicott 147	
	Organism, Community, and the "Substitution Problem," Eric Katz 161	
	B. Approaches to Conflict Resolution 171	
	Preview 171	
	Interspecific Justice, Donald VanDeVeer 179	
	The Miniride and Worse-Off Principles, Tom Regan 193	
	Priority Principles, Paul W. Taylor 199	
	C. Deep Ecology and Social Ecology 211	
	Preview 211	
	Deep Ecology, Bill Devall and George Sessions 215	
	Interview with Arne Naess, Bill Devall and George Sessions 220	
	Self Realization: An Ecological Approach to Being in the World, Arne Naess 222	
	Sidelight: Do What's Natural, You Say? 227	

Social Ecology Versus Deep Ecology, Murray Bookchin 228 Searching for Agreement: A Dialogue Between Murray Bookchin and Dave Foreman, Murray Bookchin and Dave Foreman 238

#### D. Ecofeminism 246

Preview 246

Nature, Self, and Gender: Feminism, Environmental Philosophy, and the Critique of Rationalism, Val Plumwood 251

The Power and the Promise of Ecological Feminism, Karen J. Warren 267

Development, Ecology, and Women, Vandana Shiva 281

How Feminist is Ecofeminism?, Victoria Davion 288

# $\mathbb {V}$ ECONOMICS, ETHICS, AND ECOLOGY

296

#### A. Letting the Market Decide 296

Preview 296

People or Penguins, William Baxter 303

The Ethical Basis of the Economic View of the Environment,

A. Myrick Freeman III 307

At the Shrine of Our Lady of Fàtima, or Why Political Questions Are Not All Economic, Mark Sagoff 315

#### B. Cost-Benefit Analysis 324

Preview 324

Cost-Benefit Analysis: An Ethical Critique, Steven Kelman 329

Cost-Benefit Analysis Defended, Herman B. Leonard

& Richard J. Zeckhauser 335

**Sidelight:** Cost-Benefit Analysis: Tool for All Seasons? 339

### C. Ecological Sustainability 340

Preview 340

Boundless Bull, Herman E. Daly 345

Toward a Sustainable World, William D. Ruckelshaus 348

Measures of Economic and Ecological Health, Bruce Hannon 354

Earth in the Balance Sheet, Robert Repetto 362

#### A. Human Population and Pressure on Resources 370

Preview 370

Lifeboat Ethics, Garrett Hardin 378

The "Carrying Capacity" Equivocation, William Aiken 384

Reproductive Choices: The Ecological Dimension,

Ronnie Zoe Hawkins 390

Can the Supply of Natural Resources Really Be Infinite? Yes!, Julian Simon 401

**Sidelight:** The Nuclear Train to the Future, Richard and Val Routley (now Richard Sylvan and Val Plumwood) 406

Intergenerational Justice in Energy Policy, Brian Barry 408

#### B. From the Commons to Property 417

Preview 417

The Tragedy of the Commons, Garrett Hardin 422

The Creation of Property, John Locke 430

Property Rights in Natural Resources, Kristin Shrader-Frechette 433

Property Rights and Preservationist Duties, Robert E. Goodin 434

Takings, Just Compensation, and the Environment, Mark Sagoff 451

The Rio Declaration (1992) 462

#### C. Preserving Biodiversity 464

Preview 464

What Is a Species?, Stephen Jay Gould 473

Why Do Species Matter?, Lilly-Marlene Russow 478

Why Species Matter, Holmes Rolston III 485

Toward the Moral Considerability of Species and Ecosystems,

Lawrence E. Johnson 493

What Mainstream Economists Have to Say About the Value of Biodiversity, Alan Randall 501

Why Put a Value on Biodiversity?, David Ehrenfeld 506

Transformative Values, Bryan Norton 509

The Diversity of Life, Edward O. Wilson 516

Two Types of Preservation Policies, Roger Paden 523

D	Forests	and	Wilderness	529

Preview 529

Tropical Forests and Their Species: Going, Going . . . ?,

Norman Myers, 532

The Mismanagement of the National Forests, Perri Knize 537

Forest Service Policy, Bryan G. Norton 545

Radical American Environmentalism and Wilderness Preservation:

A Third World Critique, Ramachandra Guha 548

#### E. Degrading the Planet 556

Preview 556

1. Trashing the Earth's Crust 565

Silent Spring, Rachel Carson 565

Sidelight: If Earth Could Speak 568

The Disposable Society, Paul H. Connett 569

Environmental Racism, Karl Grossman 583

2. Trashing the Stratosphere 589

Ozone Depletion, Senator Timothy E. Wirth and Senator John Heinz, project sponsors 589

Doing Something About the Weather, Stephen H. Schneider 592

## **VIII** VARIETIES OF ACTIVISM

600

Preview 600

Strategic Monkeywrenching, Dave Foreman 603

The Sea Shepherds: Bringing Justice to the High Seas, Rik Scarce 606

Ecosabotage and Civil Disobedience, Michael Martin 608

Influencing Policy, Paul R. Ehrlich & Anne Ehrlich 621

Daughters of Growing Things, Rachel L. Bagby 630

#### **Bibliography**

641