# **CONTENTS**

Preface to the Classic Edition xv Preface xxvii

### 1 INTRODUCTION 1

The Reality of Organizations 2
Definition of an Organization 4
Goal-directed, 4
Boundary-maintaining, 4
Activity Systems, 5

Organizational Structure: Central Variables 6
Coordination and Authority, 6
Bureaucratic Structure, 9

Opening Up the Bureaucratic Model of Organizations 13
Organizations in Relation to Environments, 14

Sources of Change 18
Leadership, 19
Other Organizations, 20
Social and Cultural Forces, 21

Summary 22

Central Themes of the Book, 23

#### 2 THE POPULATION ECOLOGY MODEL 26

An Overview of the Population Ecology Model 27
Variation, 28
Selection, 29
Retention, 30

Evolutionary Theory: Preliminary Considerations 31 Conservative Darwinism, 32 Reform Darwinism, 32

The Three Stage Process: Variation, Selection, Retention 33
The Occurrence of Variations, 34
Consistent Selection Criteria, 34
A Retention Mechanism, 34

The Three Stage Model Applied to Organizations 35
Variation in Organizational Populations, 35
The Selection Process Applied to Social Organization, 39
Retention Systems in Organizations, 47

A Methodological Issue 51

Hypothetical Probability "Predictions", 52 Retrospective Causal Analyses, 53 The Natural Selection Model Cannot Explain Everything, 54

Summary 54

### 3 ENVIRONMENTS: SOME GENERAL CONSIDERATIONS 56

Environmental Variation 56
Methodological Implications 58

The Environment as Resource Controller 61

Dimensions of Environments 63

Using Multiple Dimensions in Understanding Selection 70 Four Types of Environment, 71

Summary 73

# 4 VARIATION: INTERDEPENDENCE AND AUTONOMY WITHIN ORGANIZATIONS 75

Limits to Complexity 75

Challenges to Traditional Assumptions, 75

Loose Coupling and Hierarchy 76

Loose Coupling, 77 Hierarchy, 78

The Evolutionary Importance of Hierarchy and Loose Coupling 80

The Importance of Hierarchy, 81
The Importance of Loose Coupling, 82

Error, Chance, and Creativity 86

Chance-Prone Structures: Examples of Anarchy and Creativity, 87 Organizational Disasters, 89

Intraorganizational Conflict 91

Factors Producing Interunit Conflict, 93 Summary, 96

Innovation and Variability 97

The Diffusion of Innovations, 98
The Adoption of Innovations, 102
Summary of Innovation and Variability, 104

Summary 105

# 5 ENVIRONMENTAL SELECTION: THE ROLE OF RESOURCES AND INFORMATION 106

Rational Selection Versus Environmental Selection 106

What is Being Selected? 108
Organizational Forms, 108
Fitness, 109

Environments as Information or Resource Flows 110

Environments as Resource Flows 111

Pure Natural Selection Model, 111

Interorganizational Dependence and Selection, 118

Environments as Information Flows 122
The Information Perspective, 122
Issues Raised by the Information Flow View, 125

Combining the Views: An Example 132 Summary 134

### 6 STRATEGIC CHOICE: OPPORTUNITIES AND CONSTRAINTS 136

Aspects of Strategic Choice 137

Decision Maker Autonomy and Organizational Change, 138 Organizations May Influence Their Environments, 144 Role of Perception in Strategic Choice, 148

Limits to Strategic Choice 149

Constraints on Choosing New Environments, 149 Limits to Organizational Influence Over Environments, 153 Participants' Perceptions of Reality as Limits to Choice, 157

Summary 159

#### 7 THE CREATION OF ORGANIZATIONS 161

Organizational Entrepreneurs: Motives and Incentives 162

The Role of the State 164

Levels of Analysis: World System or Nation-States?, 164
Political Stability, 166
Ideological Legitimation, 167
Direct Nation-State Support and Protection of
Organizations, 169
The Role of the State: Summary, 171

Environmental Variability and Niche Generation 172

Market-Oriented Economy, 172 Urbanization, 173 Political Revolution, 175 Environmental Variability and Niche Generation: Summary, 176

Patterns of Organizational Creation 177

Technological Innovations, 178
Access to Wealth and Power, 179
Labor Market Characteristics, 180
An Example of Creation: Credit Reporting Agencies, 181

Constraints on the Viability of New Forms 183

Work Force Characteristics, 183 Market Characteristics and Economic Concentration, 184 Government Regulation, 186 Constraints on Viability: Summary, 187

Summary 188

8 PERSISTENCE AND TRANSFORMATION OF ORGANIZATIONS 189

Preliminary Issues 190

Types of Change, 190

Persistence: A Population Perspective 193
Stinchcombe's Examples, 193
Explanations for Persistence, 195

Persistence: Individual Organizations 197
Internal Factors in Persistence, 197
External Forces in Persistence, 199

Transformation: Single Organizations 203

Internal Forces: Growth, Power, and Goals, 204

External Forces in Transformation, 212

Transformation: Summary, 217

Summary 218

### 9 BOUNDARIES AND ORGANIZATIONAL RESPONSIVENESS 219

Defining Boundaries, Authorities and Members 220

Boundaries and Organizational Authorities, 221
Limits to Organizational Authority, 223
Pressures for Responsiveness in Recruiting Employees, 228

Member Autonomy and Organizational Responsiveness 232

Responses to Declining Organizational Performance, 233 Under What Conditions are Options Chosen?, 236 Management's Responses to Exit and Voice, 239 Member Autonomy and Organizational Responsiveness: Summary, 241

Summary 242

#### 10 SPANNING ORGANIZATIONAL BOUNDARIES 243

Interorganizational Conflict and Member Compliance 244
Expanding or Constricting Boundaries, 244
Conflict Strategies and Boundary Control, 246
Conflict and Compliance: Summary, 248

Boundary-Spanning Roles 248

Functions of Boundary Roles, 249
The Creation of Boundary Roles, 255
Role Specificity, Discretion, and Power, 259

Summary 263

#### 11 INTERORGANIZATIONAL RELATIONS 265

Exchange and Dependence 266 Dependence, 267

Dimensions of Interorganizational Relations 273

Formalization, 273 Intensity, 275 Reciprocity, 276 Standardization, 277 Summary, 278 Interorganizational Relations at the Population Level 279

Organization Sets, 279 Action Sets, 280 Networks, 281

Using the Concept of Organization Set in Studying Change 284

The Interstate Commerce Commission's Capture by Special Interests, 284

Organizational Change In the "Culture" Industry, 286

Summary 290

# 12 MANAGING INTERDEPENDENCE THROUGH INTERORGANIZATIONAL RELATIONS 292

Proprietary Strategies 293
Aggressive Actions, 294

Dyadic Strategies 295

Choosing Boards of Directors, 295 Research on Boards of Directors, 298 Mergers and Joint Ventures, 303 Historical Patterns of Merger Activity, 304 Explaining Mergers and Joint Ventures, 307

Action Set Formation 316
The Development of Action Sets, 317

Summary 321

#### 13 ORGANIZATIONAL NETWORKS AND ECONOMIC POWER 323

Evolution of Networks 323

Networks and Loose Coupling, 325
Selection Pressures and the Role of
Linking-pin Organizations, 327
Network Stability: The Retention Problem, 332

An Example of Network Evolution: The NCAA, 337

Evolution of Networks: Summary, 340

#### xiv Contents

Networks and Economic Power 340

Kinship Ties Between Corporations, 342 Interlocking Directorates, 343 Bank Centrality, 347 Networks and Economic Power: Summary, 348

Summary 349

REFERENCES 351

Index 377