

# CONTENTS

Foreword by Mary Catherine Bateson, 1999	vii
Foreword, 1971	xix
Introduction: The Science of Mind and Order	xxiii

## Part I: Metalogues

Metalogue: Why Do Things Get in a Muddle	3
Metalogue: Why Do Frenchmen?	9
Metalogue: About Games and Being Serious	14
Metalogue: How Much Do You Know?	21
Metalogue: Why Do Things Have Outlines?	27
Metalogue: Why a Swan?	33
Metalogue: What Is an Instinct?	38

## Part II: Form and Pattern in Anthropology

Culture Contact and Schismogenesis	61
Experiments in Thinking about Observed Ethnological Material	73
Morale and National Character	88
Bali: The Value System of a Steady State	107
Style, Grace, and Information in Primitive Art	128
Comment on Part II	153

## Part III: Form and Pathology in Relationship

Social Planning and the Concept of Deutero-Learning	159
A Theory of Play and Fantasy	177
Epidemiology of a Schizophrenia	194
Toward a Theory of Schizophrenia	201
The Group Dynamics of Schizophrenia	228
Minimal Requirements for a Theory of Schizophrenia	244
Double Bind, 1969	271
The Logical Categories of Learning and Communication	279
The Cybernetics of "Self": A Theory of Alcoholism	309
Comment on Part III	338

## Part IV: Biology and Evolution

On Empty-Headedness among Biologists and State Boards of Education	343
The Role of Somatic Change in Evolution	346
Problems in Cetacean and Other Mammalian Communication	364
A Re-examination of "Bateson's Rule"	379
Comments on Part IV	400

## Part V: Epistemology and Ecology

Cybernetic Explanation	405
Redundancy and Coding	416
Conscious Purpose versus Nature	432
Effects of Conscious Purpose on Human Adaptation	446
Form, Substance and Difference	454
Comment on Part V	472

## Part VI: Crisis in the Ecology of Mind

From Versailles to Cybernetics	477
Pathologies of Epistemology	486
The Roots of Ecological Crisis	496
Ecology and Flexibility in Urban Civilization	502
Index	515