CONTENTS

									PAGE
INTRODUCTION		•							ix
INTRODUCTION T									

CHAPTER I

THE EVOLUTION OF LIFE-MECHANISM AND TELEOLOGY

Of duration in general—Unorganized bodies and abstract time —Organized bodies and real duration—Individuality and						
the process of growing old	1					
Of transformism and the different ways of interpreting it-Radi-						
cal mechanism and real duration: the relation of biology to						
physics and chemistryRadical finalism and real duration:						
the relation of biology to philosophy	23					
The quest of a criterion-Examination of the various theories						
with regard to a particular example—Darwin and insensible						
variation-De Vries and sudden variation-Eimer and or-						
thogenesis—Neo-Lamarckism and the hereditability of						
acquired characters	59					
Result of the inquiry—The vital impetus	87					

CHAPTER II

THE DIVERGENT DIRECTIONS OF THE EVOLUTION OF LIFE—TORPOR, INTELLIGENCE, INSTINCT

General idea of the evolut	ionar	y pro	cess-	Grow	∕thI	Diverg	gent	
and complementary tendencies-The meaning of progress								
and of adaptation	•					•		98
The relation of the animal to the plant-General tendency of								
animal life—The devel	opme	ent of	i anin	nal lif	ie .	•		105
The main directions of the evolution of life: torpor, intelligence,								
instinct	•			•	•		•	135
The nature of the intellect	•			•	•		•	151
The nature of instinct	•	•		•	•			165
Life and consciousness—The apparent place of man in nature								176
		vii	-					

CREATIVE EVOLUTION

CHAPTER III

ON THE MEANING OF LIFE-THE ORDER OF NATURE AND THE FORM OF INTELLIGENCE

Relation of the problem of life to the problem of knowledge-	
The method of philosophy-Apparent vicious circle of the	
method proposed-Real vicious circle of the opposite	
method	186
Simultaneous genesis of matter and intelligence-Geometry	
inherent in matter-Geometrical tendency of the intellect	
-Geometry and deduction-Geometry and induction-	
Physical laws	199
Sketch of a theory of knowledge based on the analysis of the	
idea of Disorder-Two opposed forms of order: the prob-	
lem of genera and the problem of laws-The idea of "dis-	
order" an oscillation of the intellect between the two kinds	
of order	220
Creation and evolution-Ideal genesis of matter-The origin	
and function of life-The essential and the accidental in the	
vital process and in the evolutionary movement-Man-	
kind—The life of the body and the life of the spirit	236
kind—The life of the body and the life of the spirit	236

PAGE

CHAPTER IV

The	CINEMATOGRAP	HICAL MECH	ANISM OF	THOUG	HT AND THE
1	MECHANISTIC II	LLUSION-A	GLANCE	AT THE	HISTORY OF
:	Systems—Real	BECOMING	AND F	ALSE E	VOLUTIONISM

Sketch of a criticism of philosophical systems, based on the	
analysis of the idea of Immutability and of the idea of	
"Nothing"-Relation of metaphysical problems to the idea	
of "Nothing"-Real meaning of this idea	2
Form and Becoming	3
The philosophy of Forms and its conception of Becoming-	
Plato and Aristotle—The natural trend of the intellect . 304	ŧ
Becoming in modern science: two views of Time	Э
The metaphysical interpretation of modern science: Descartes,	
Spinoza, Leibniz	5
The Criticism of Kant	3
The evolutionism of Spencer	3
INDEX	ι